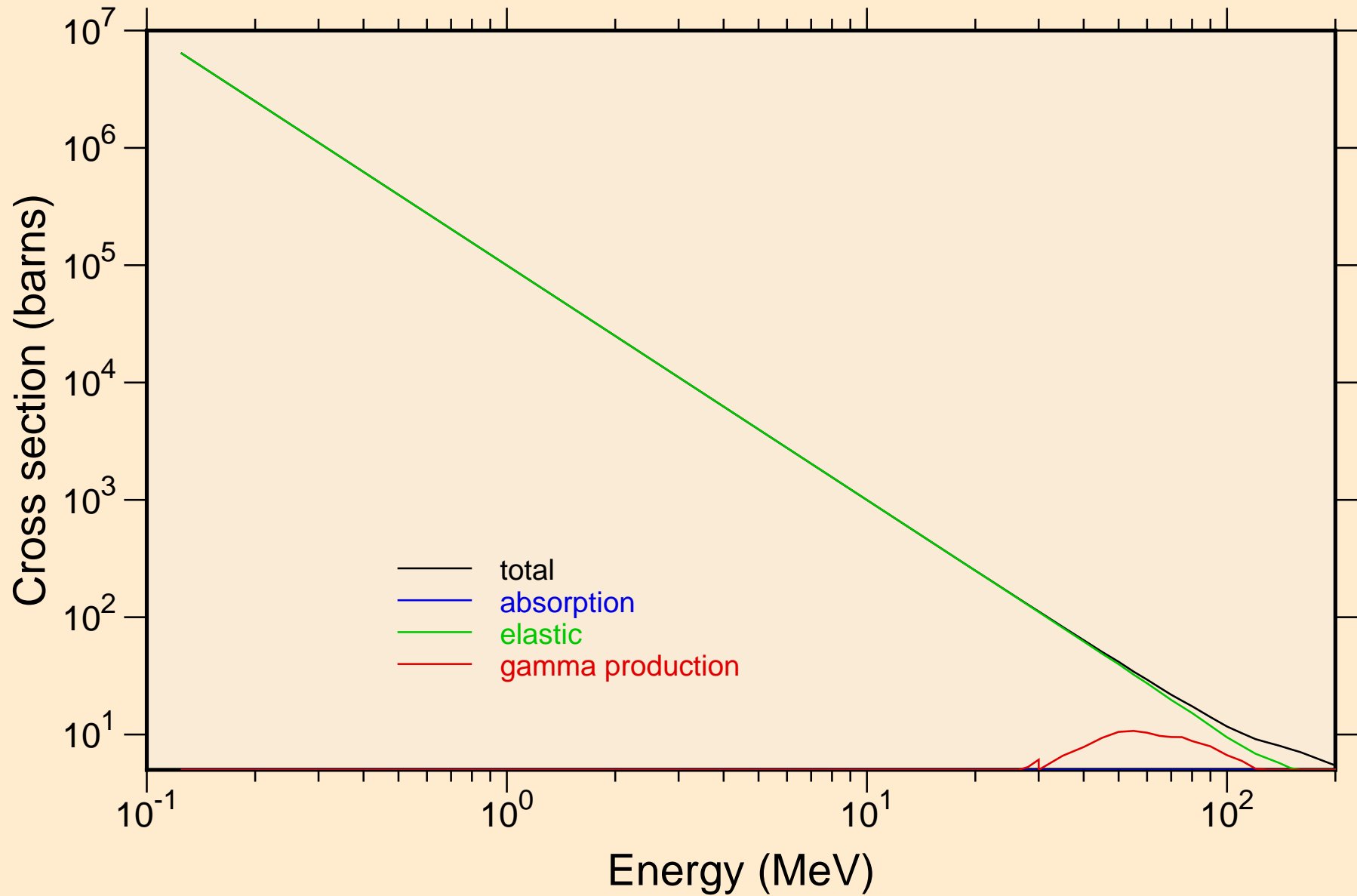


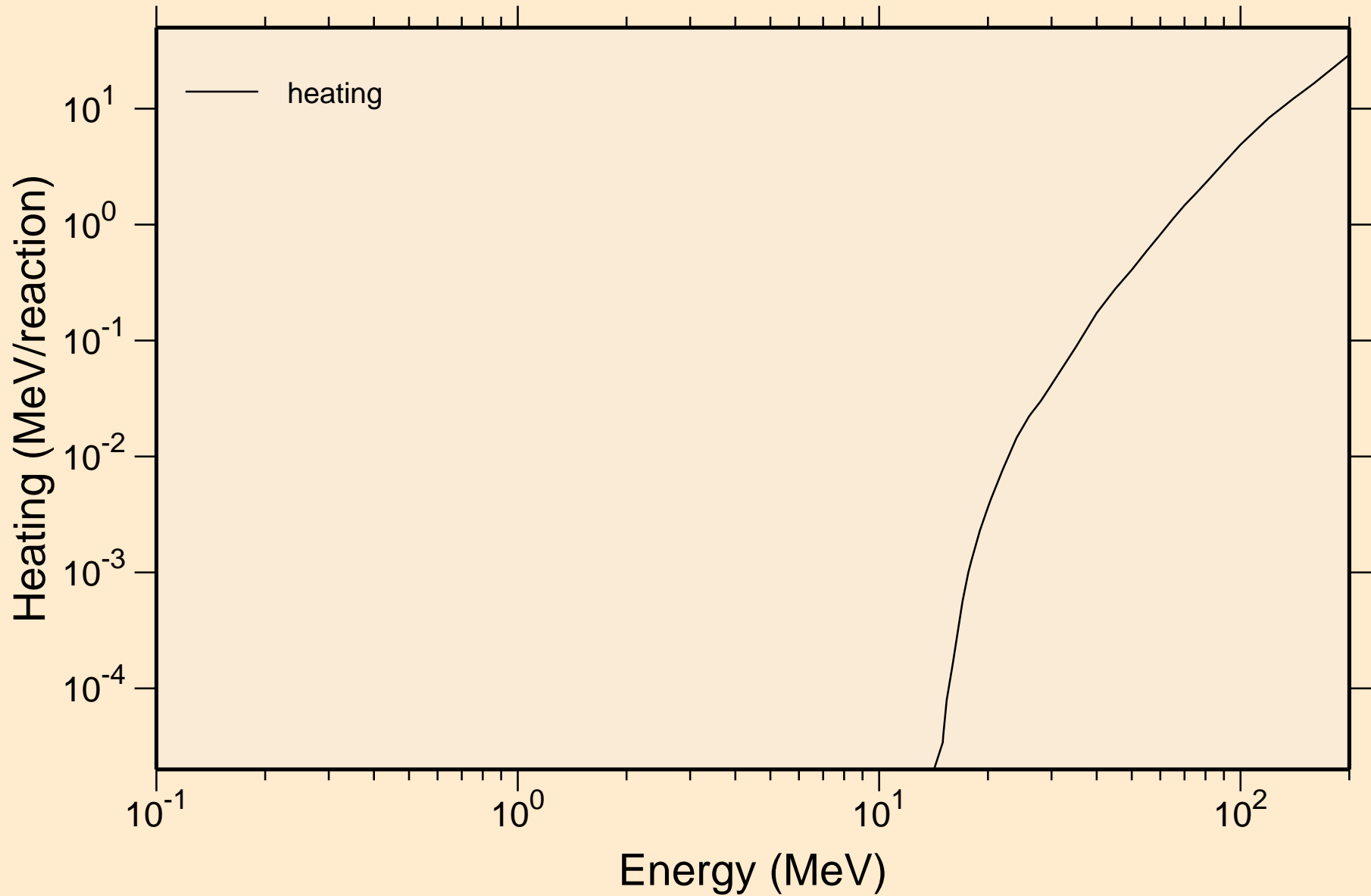
# SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



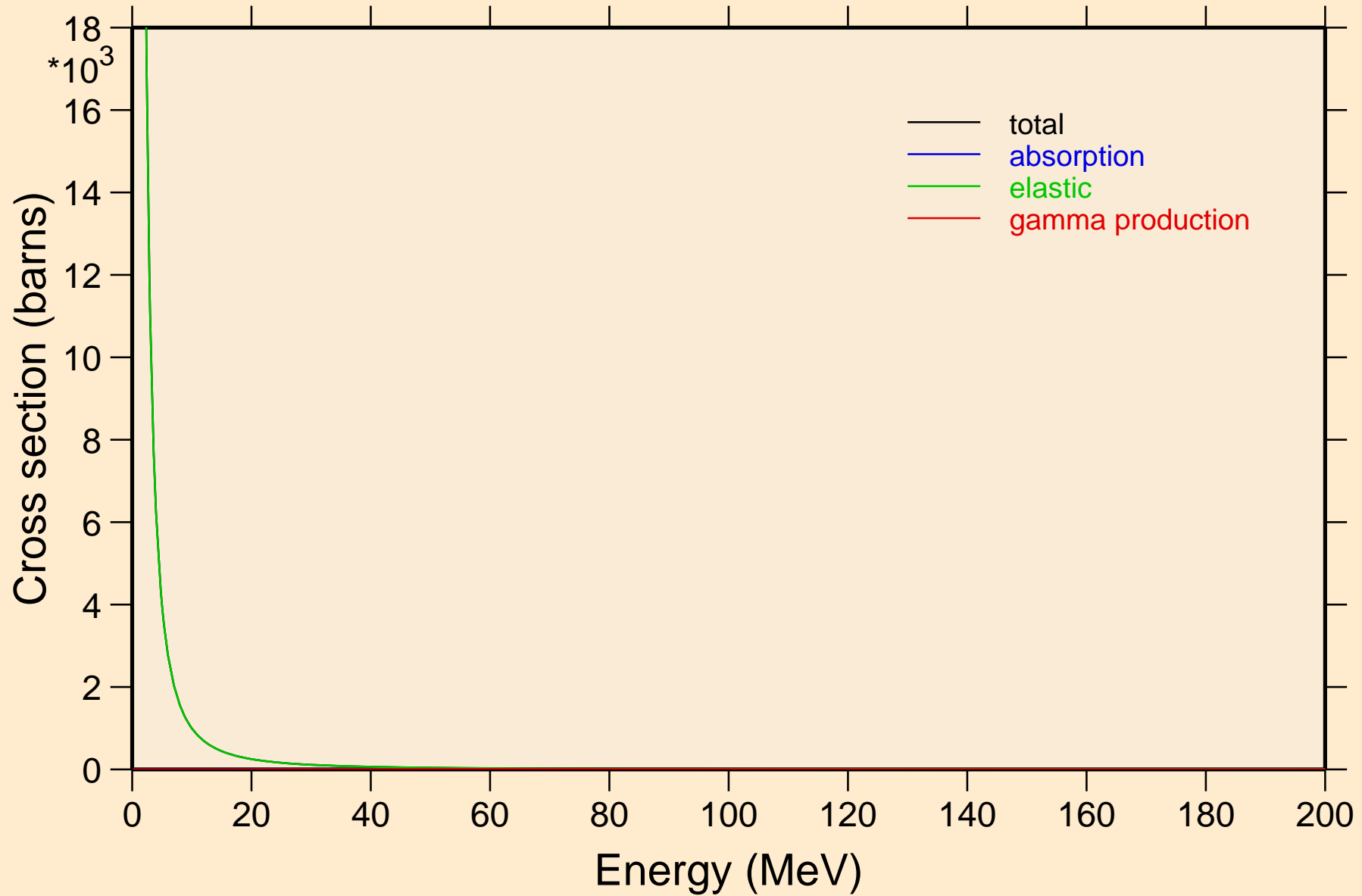
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



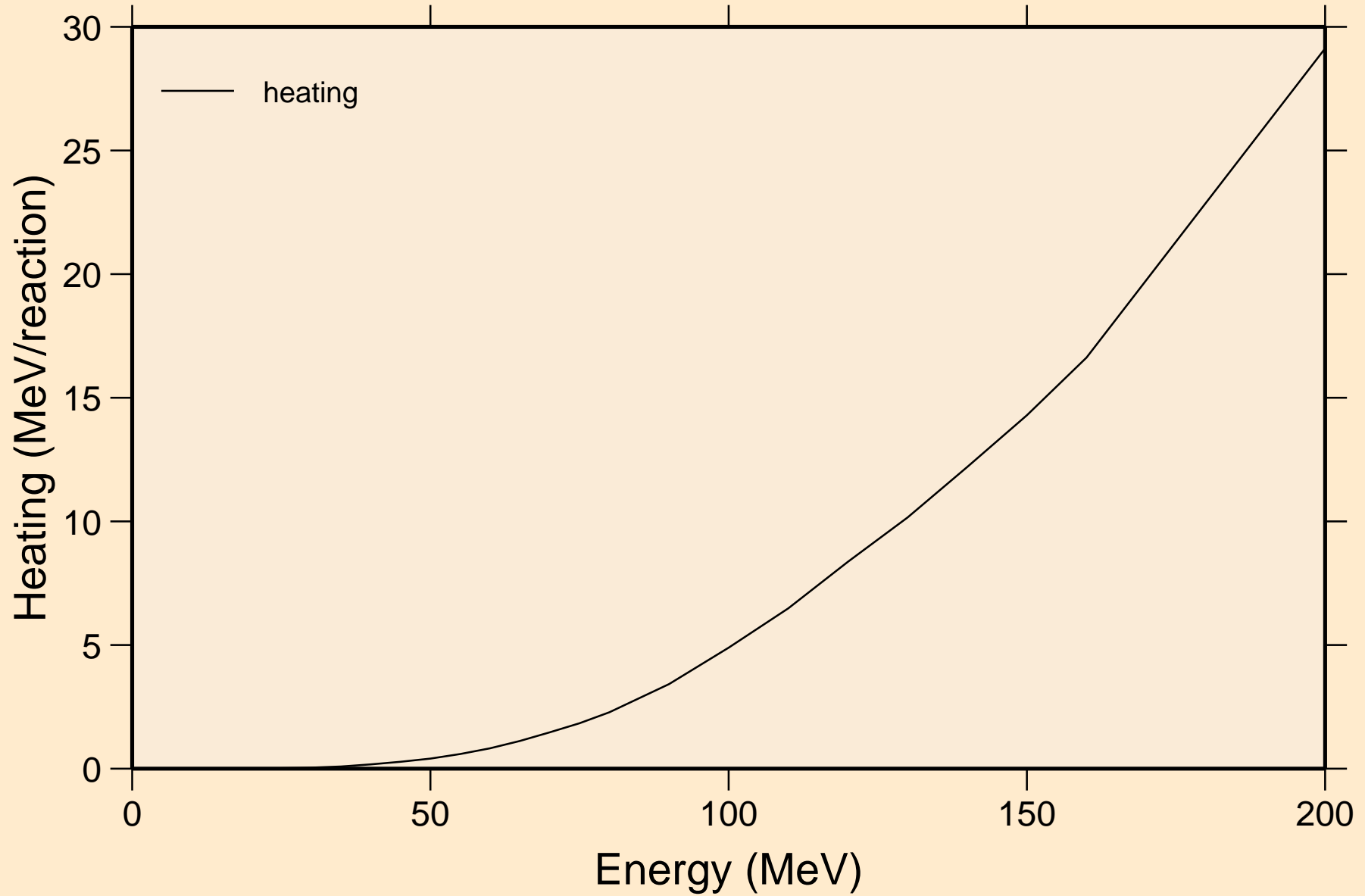
# SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

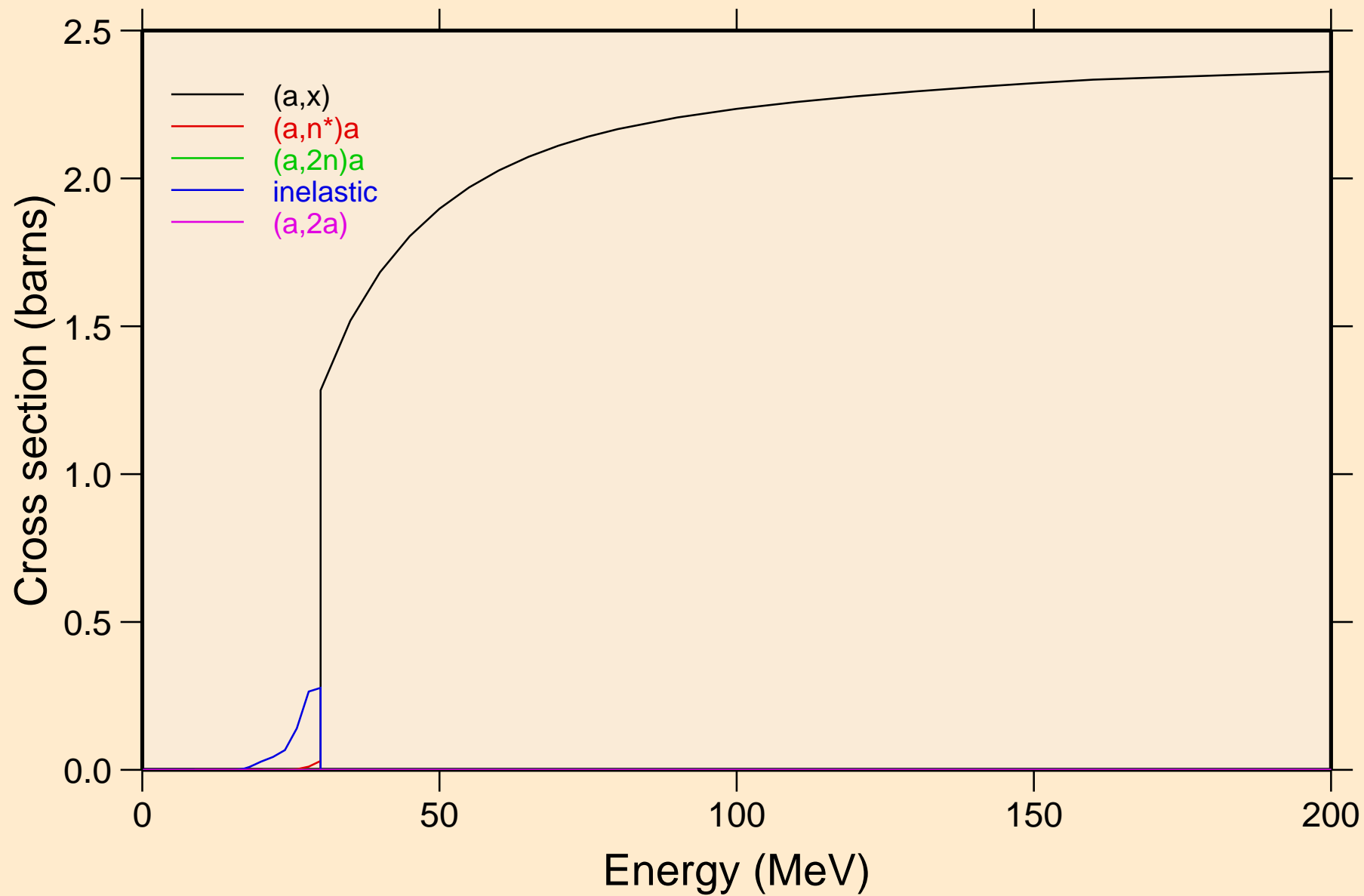


SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

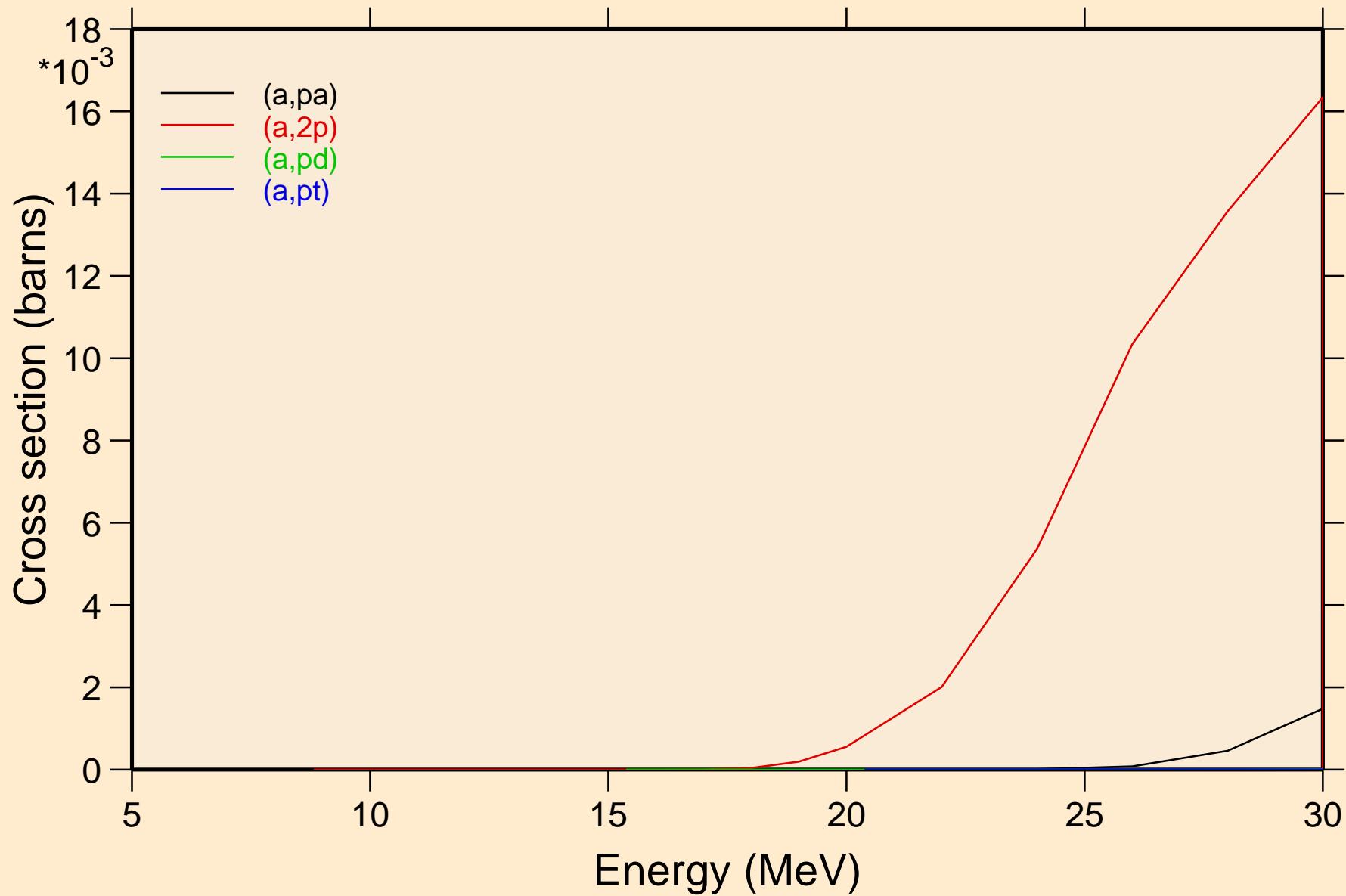
Heating



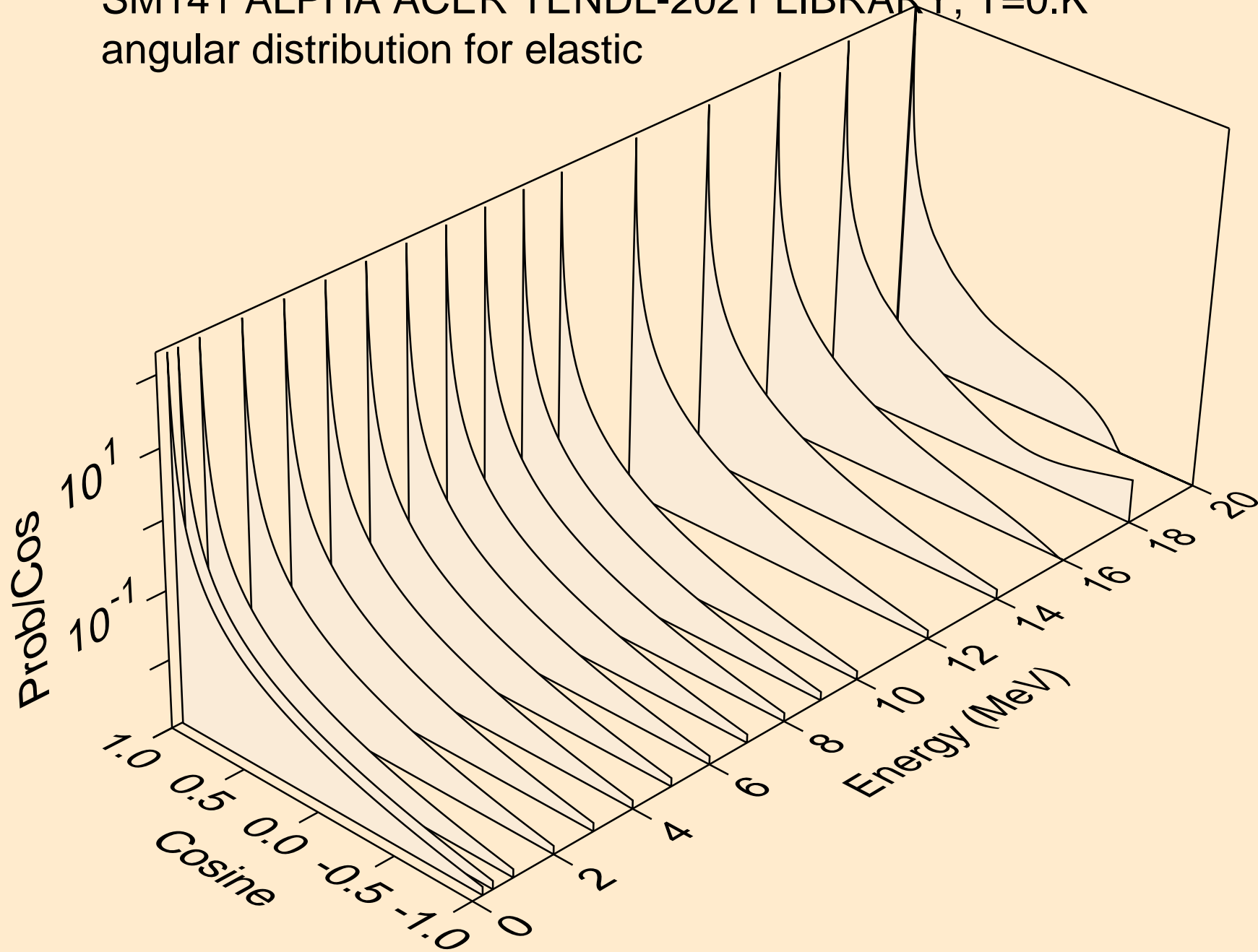
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



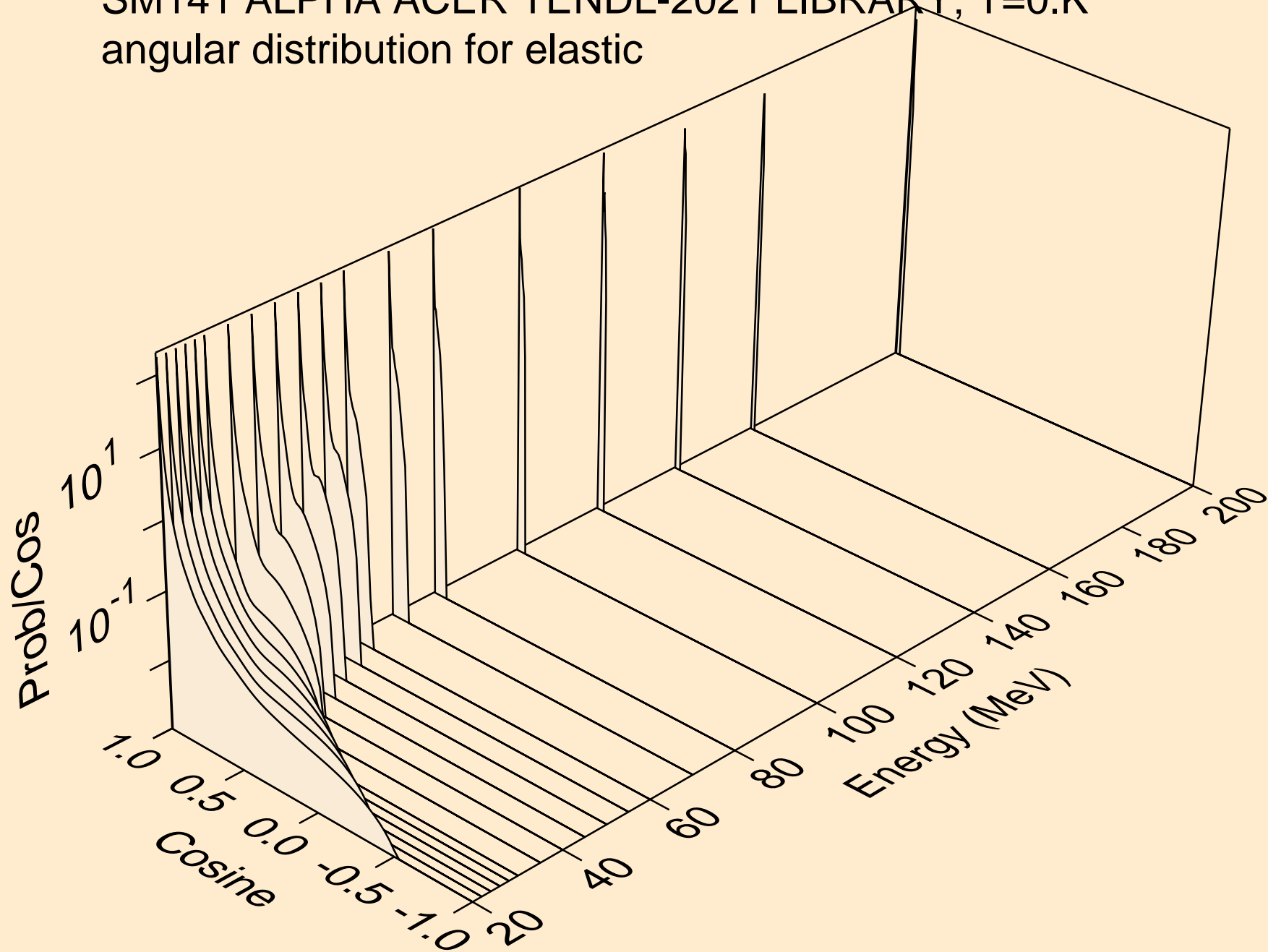
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

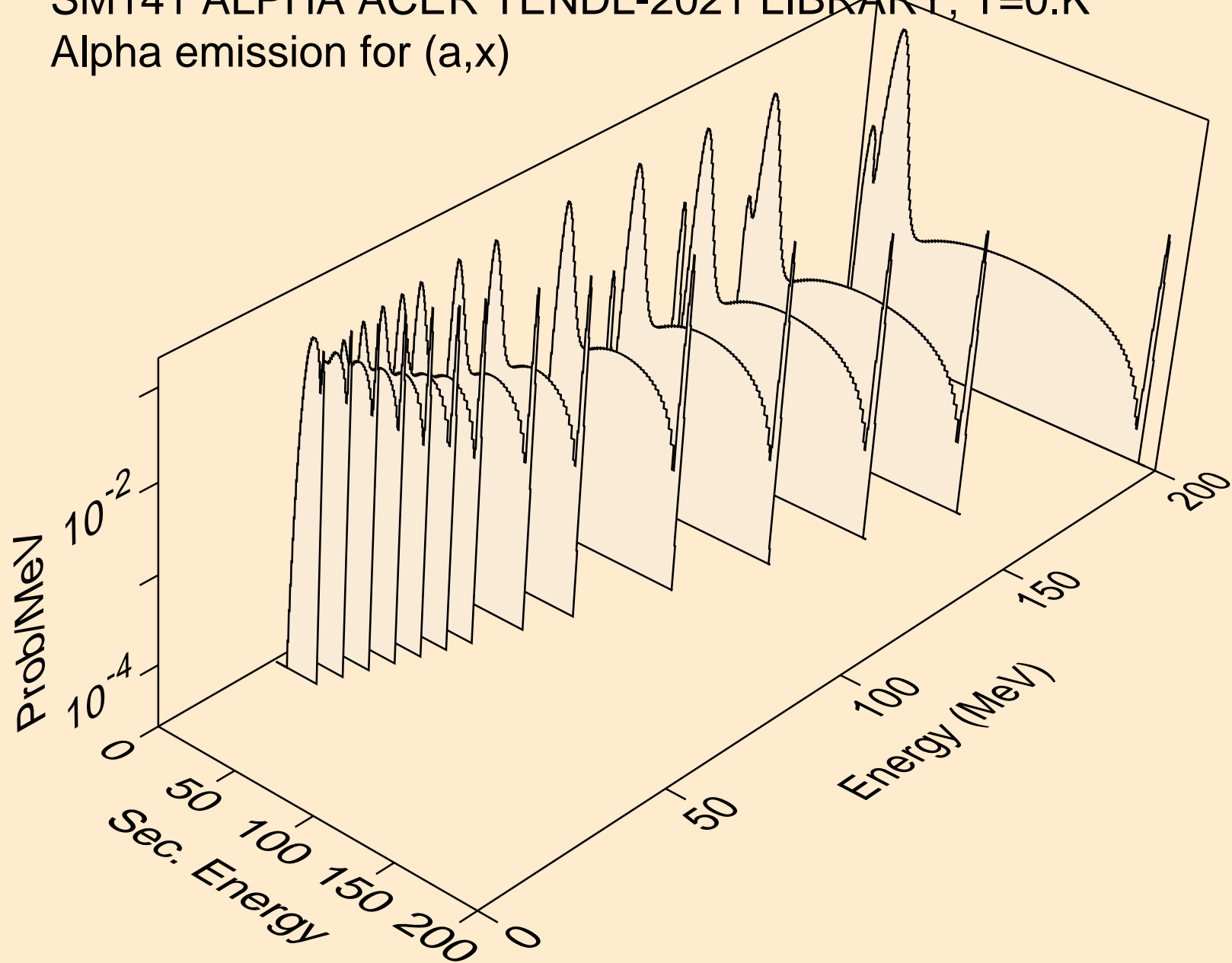


SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

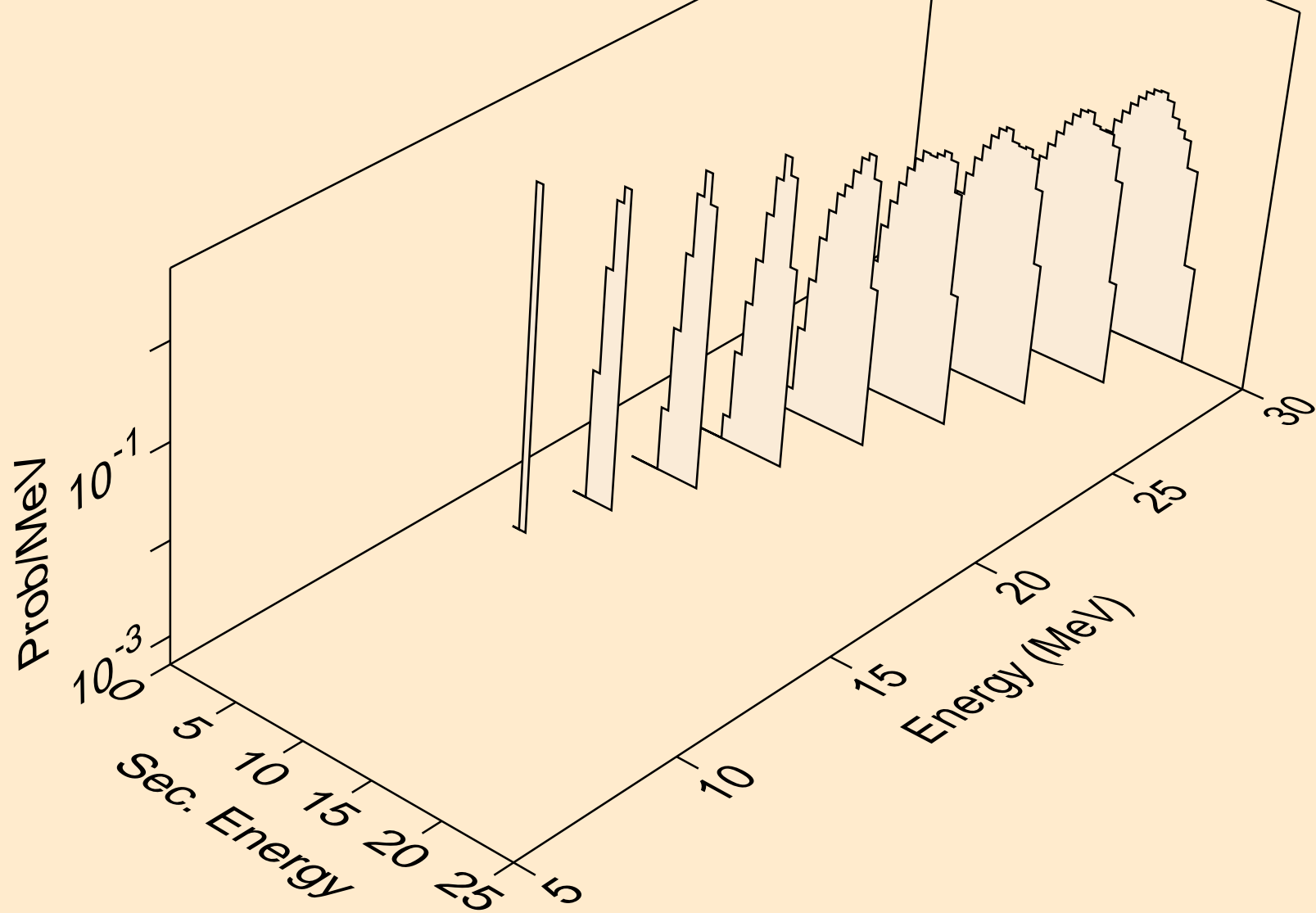




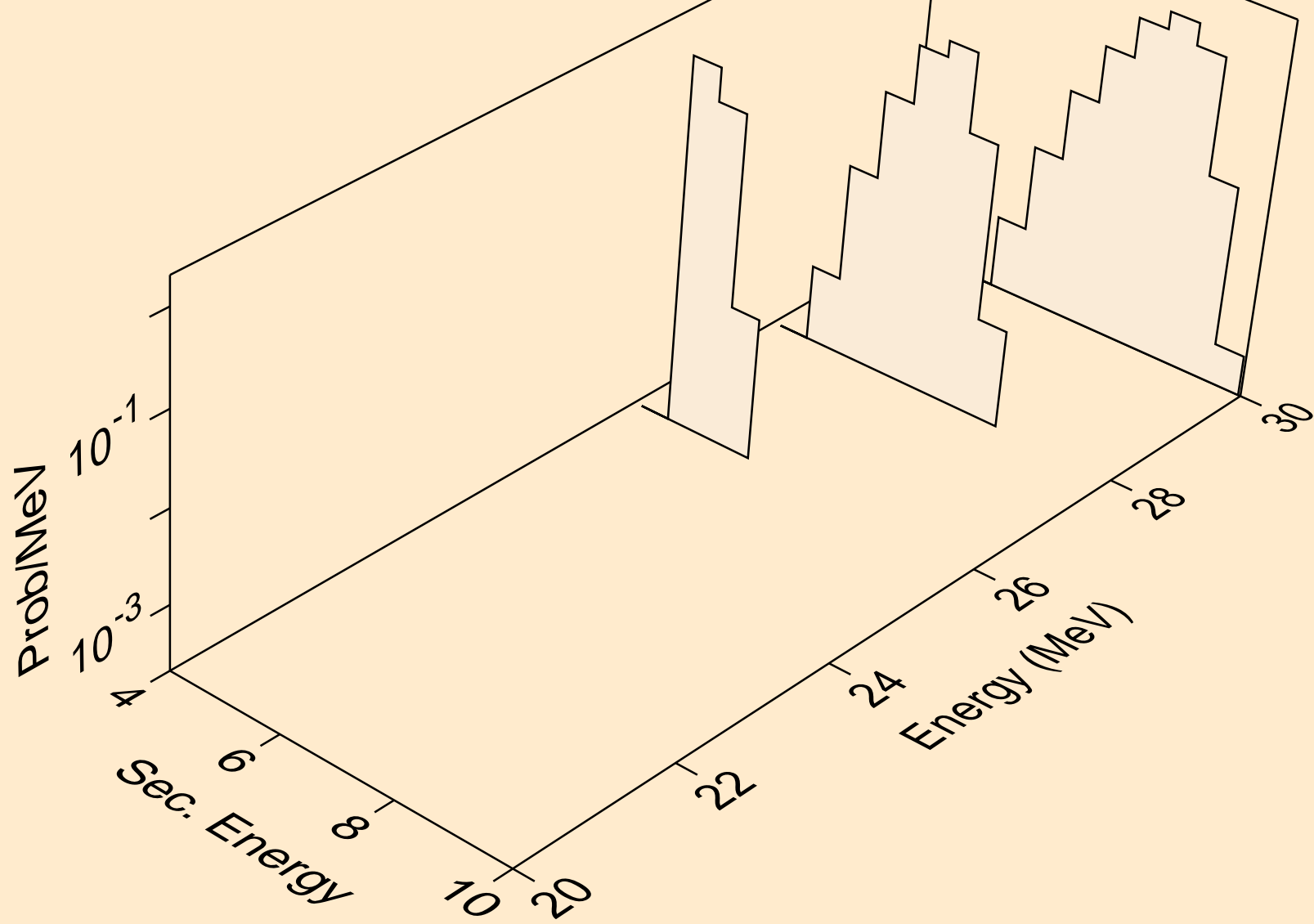
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



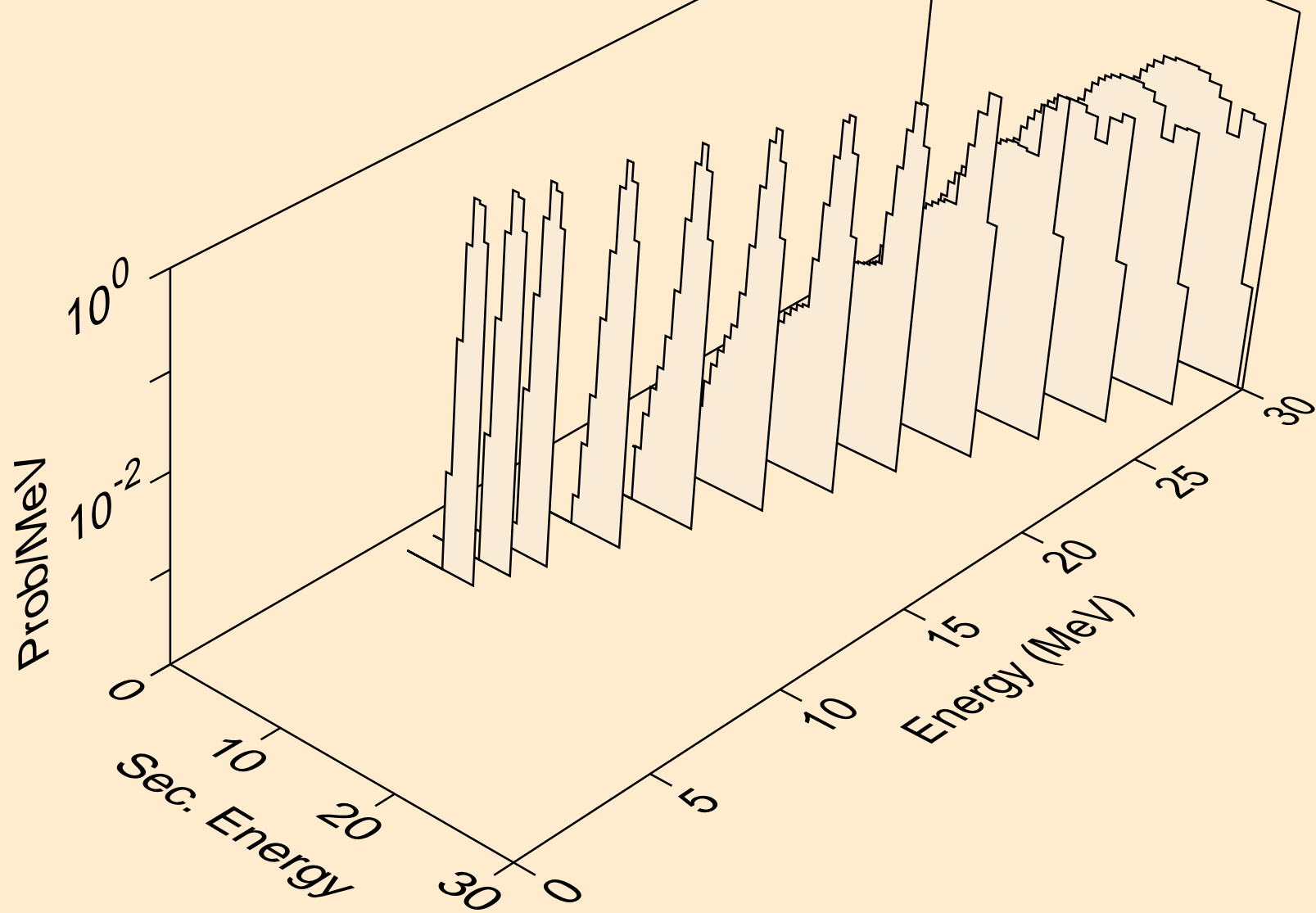
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



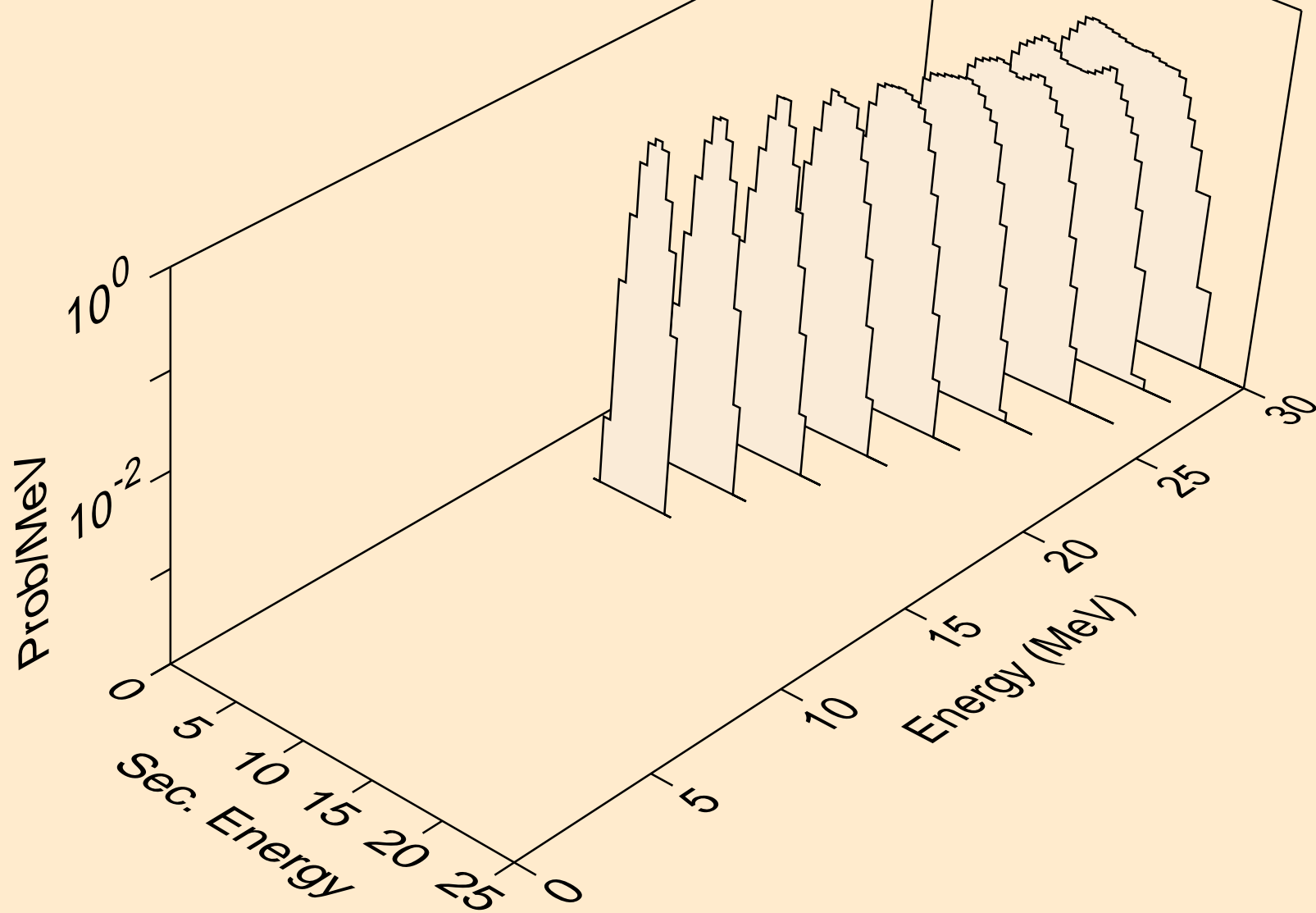
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



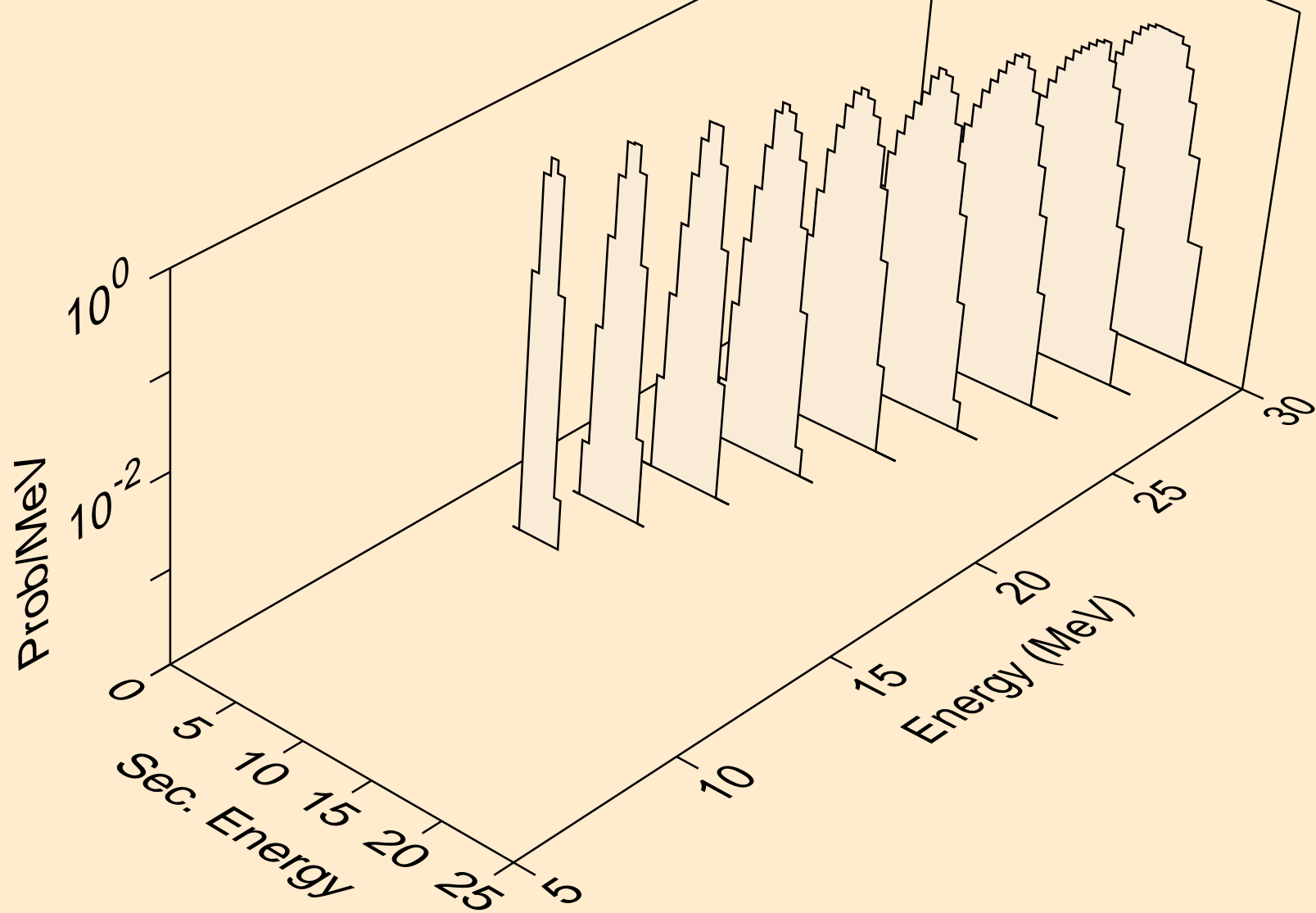
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



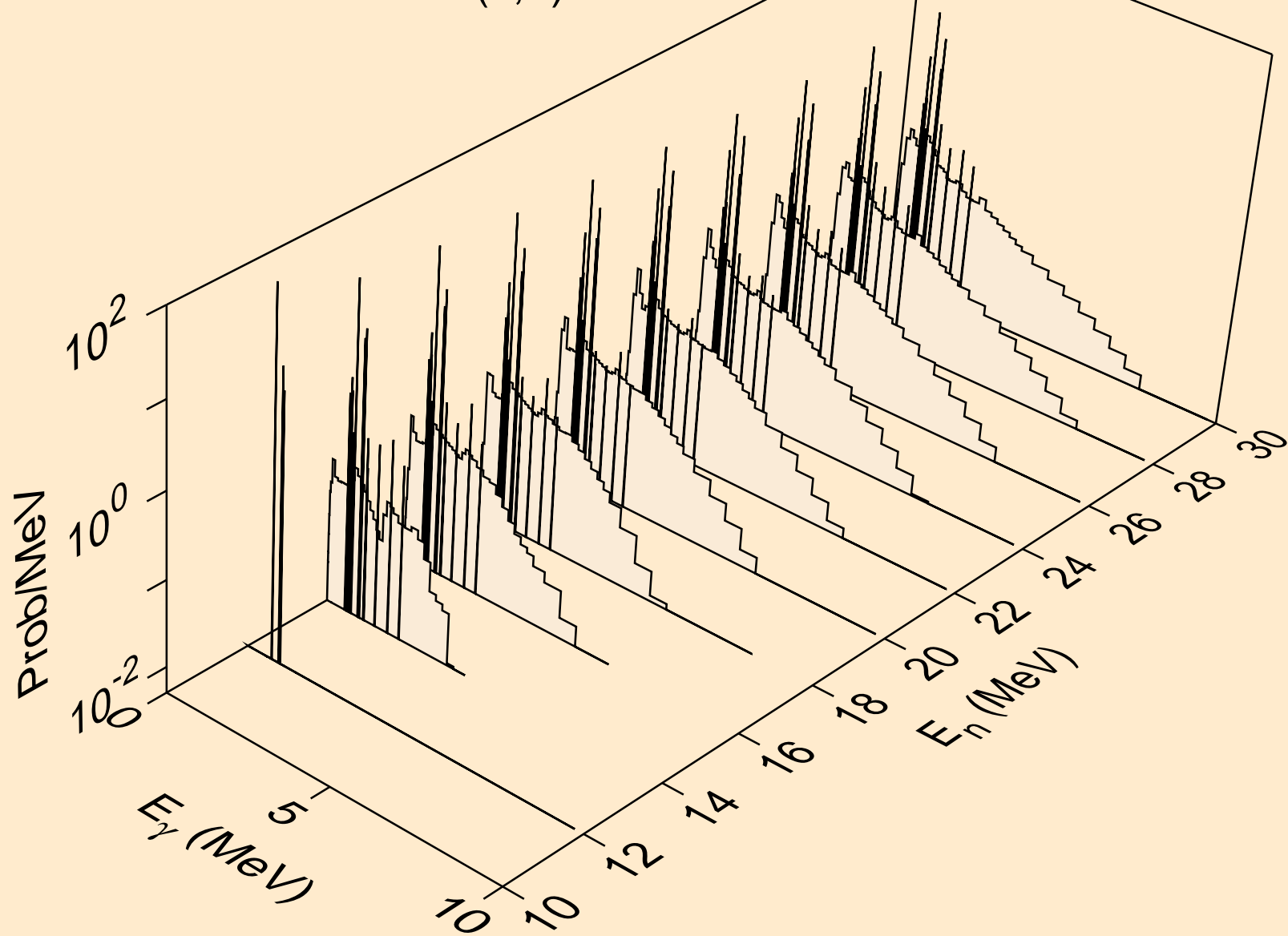
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



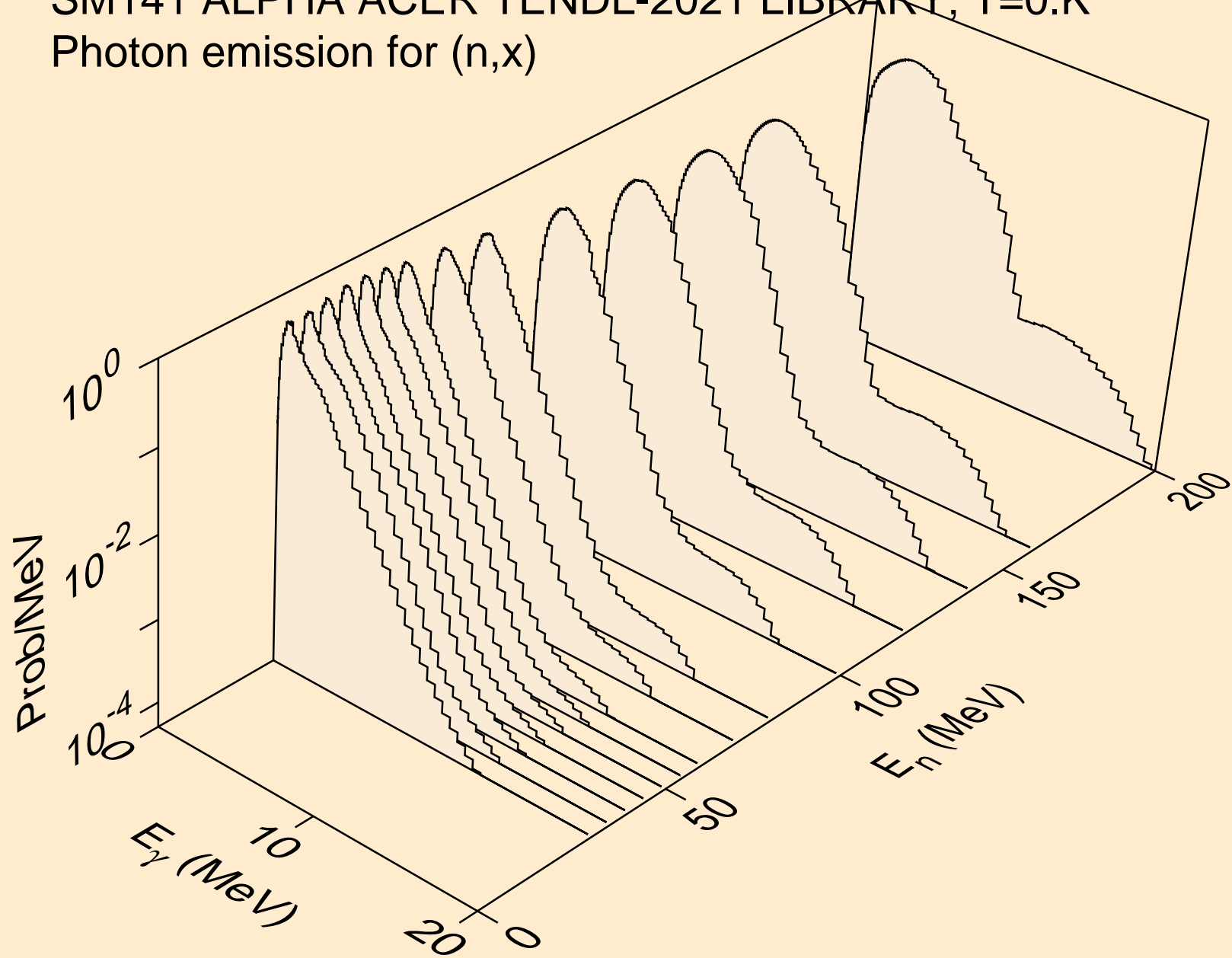
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

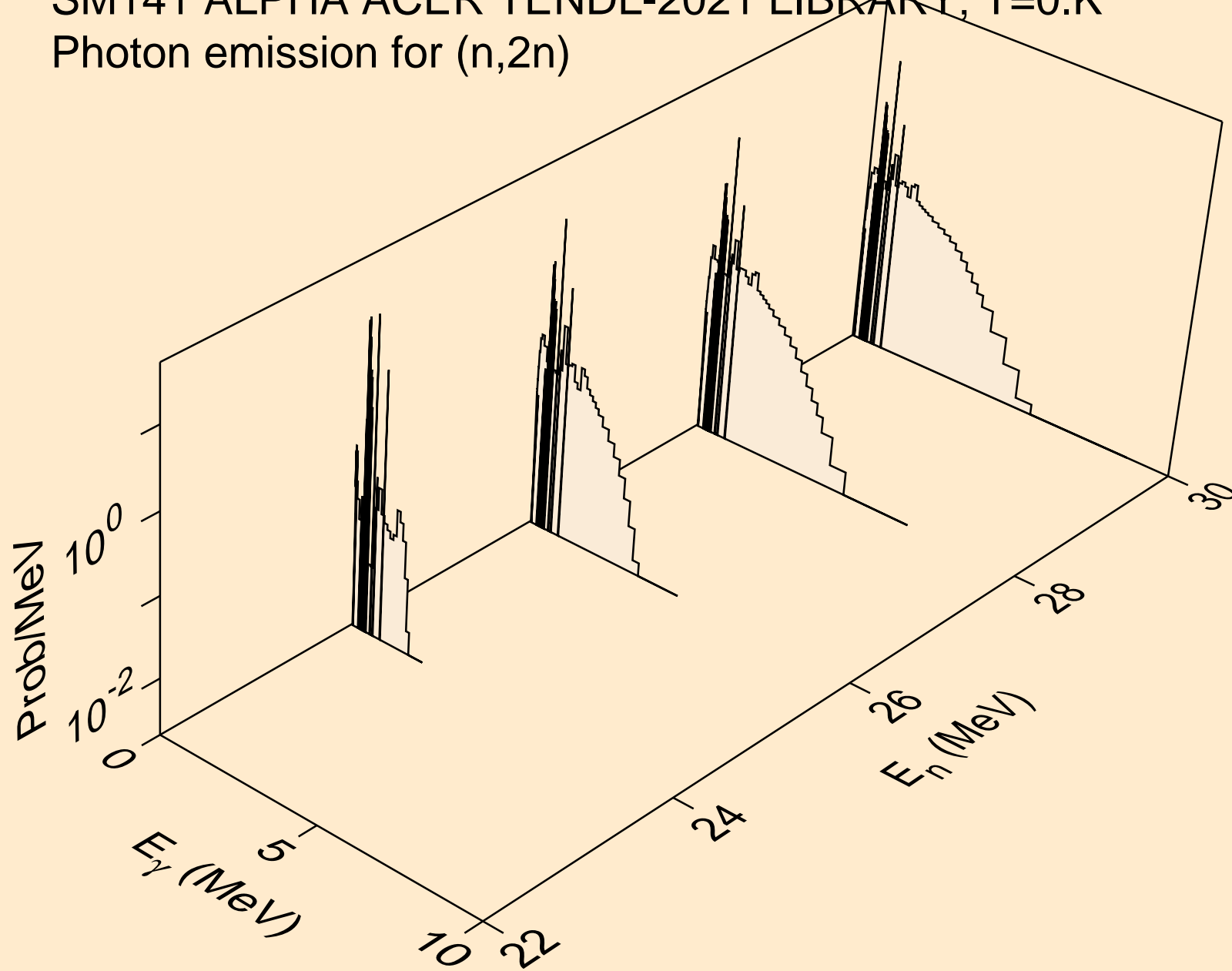


SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)

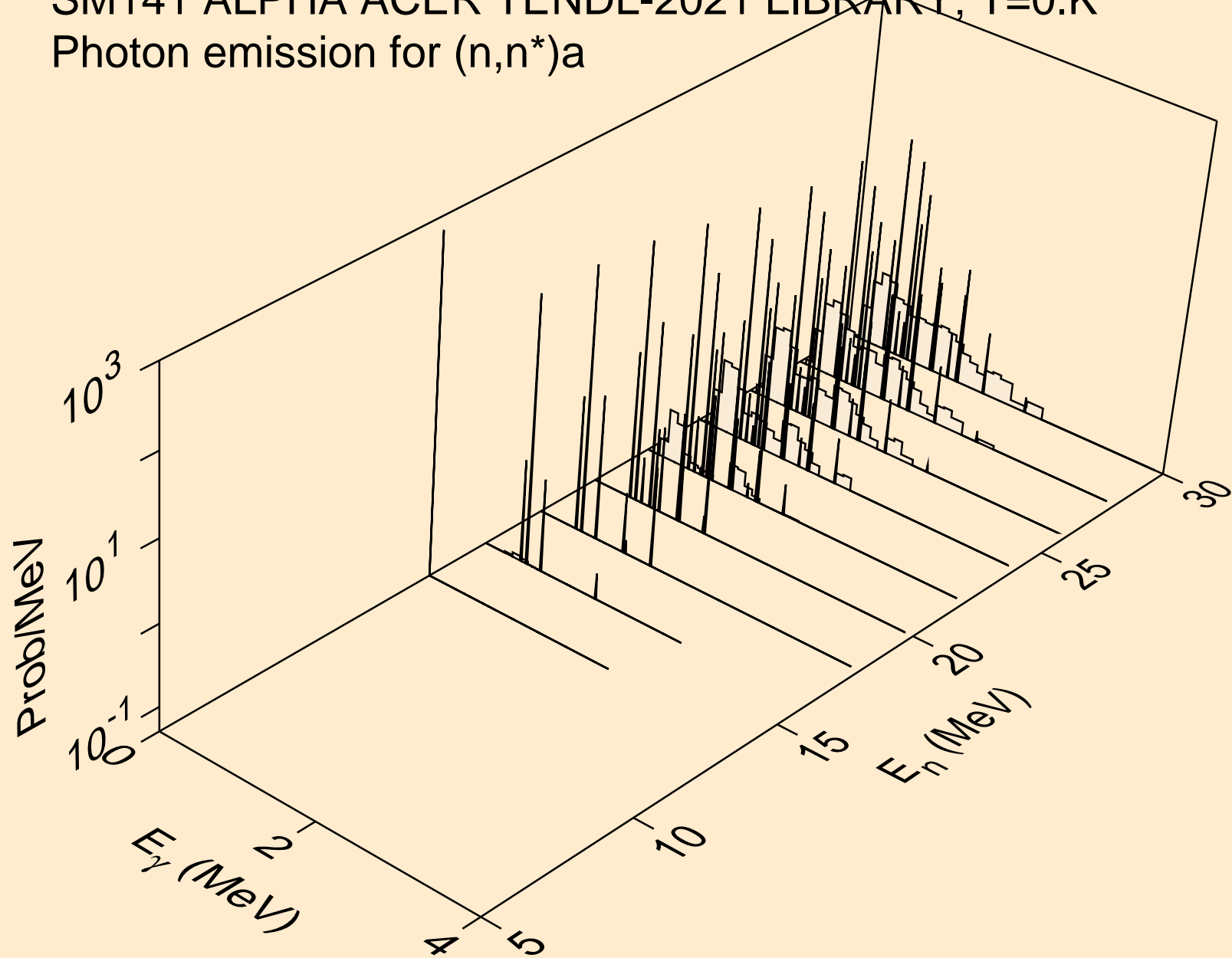




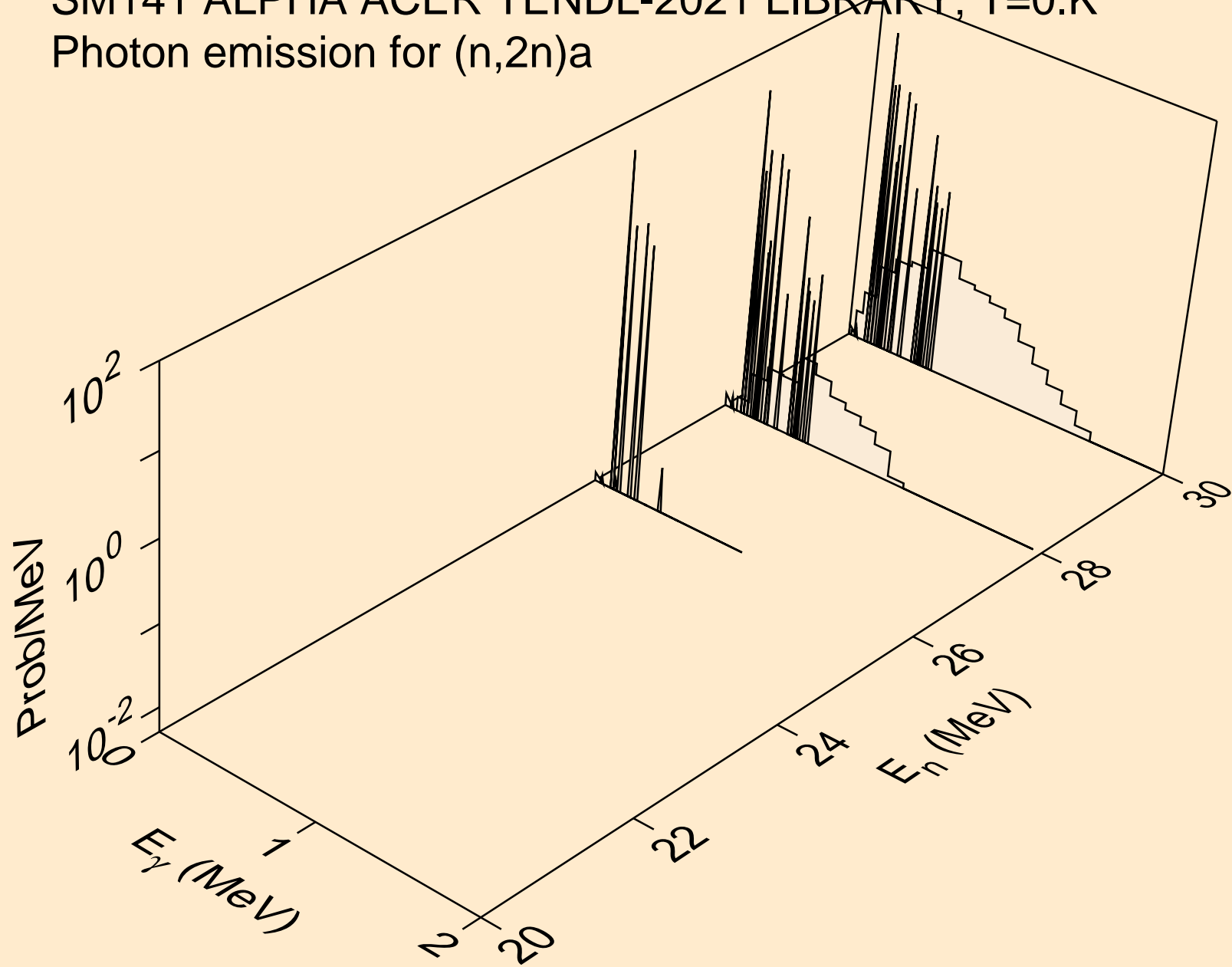
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



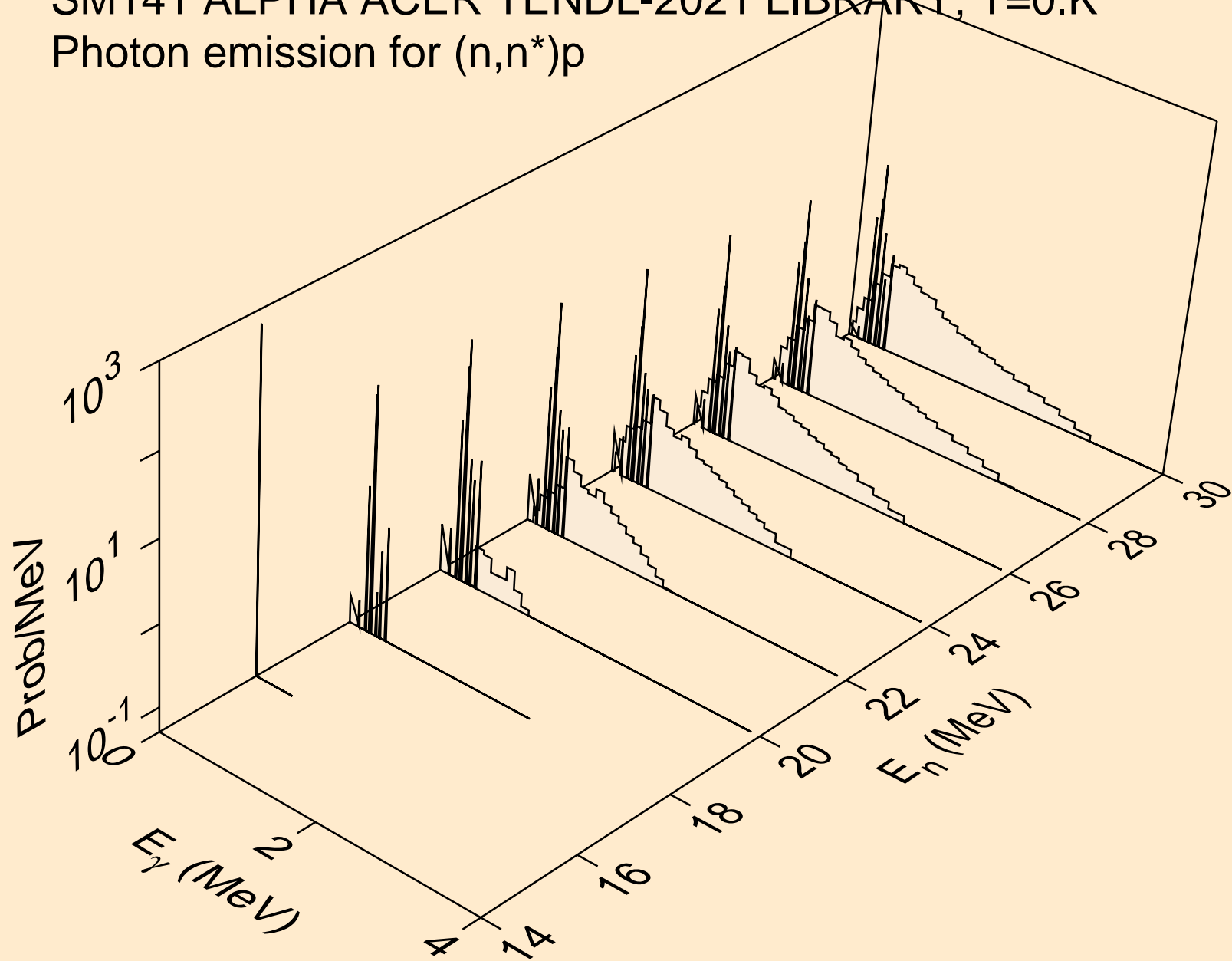
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



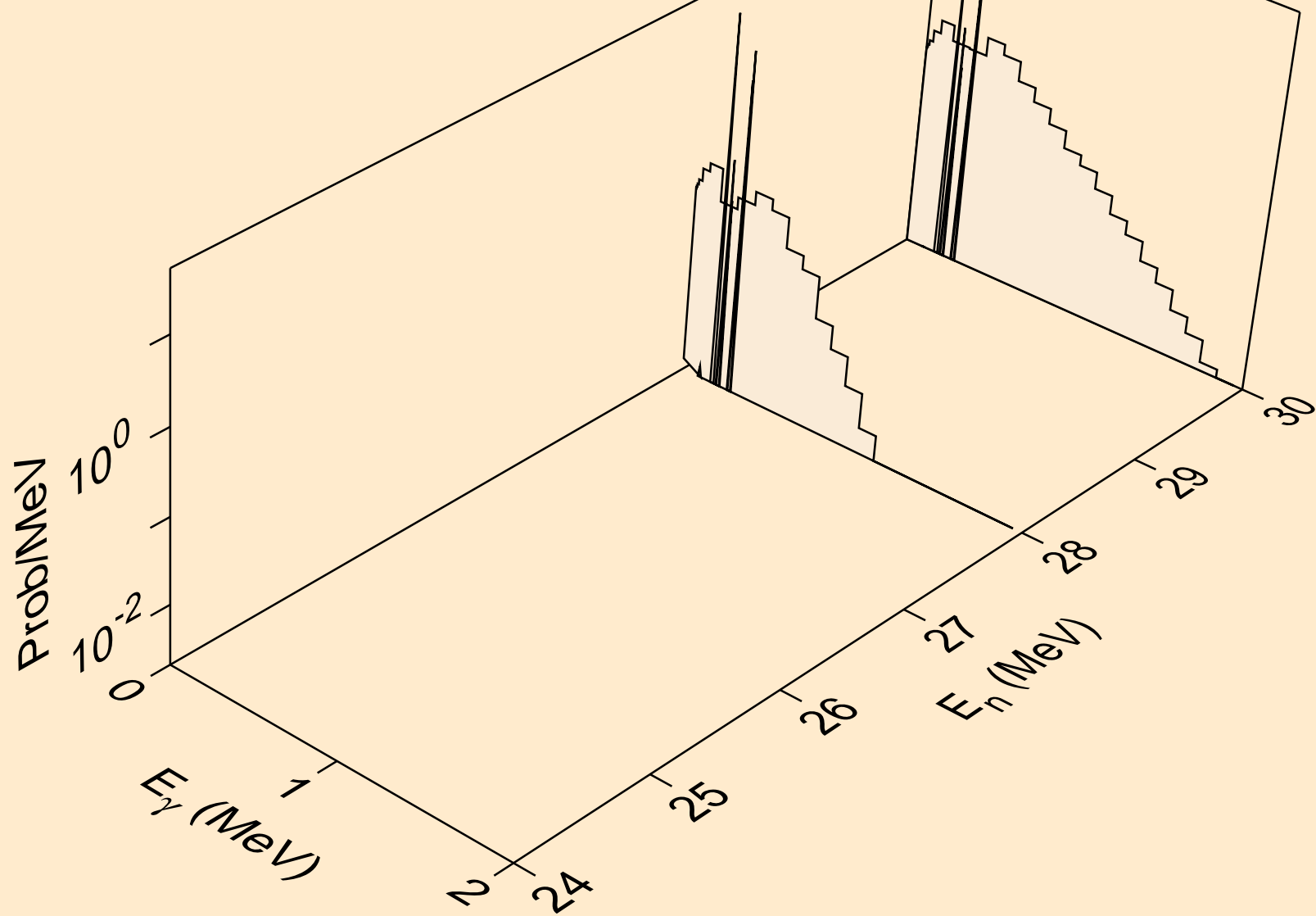
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



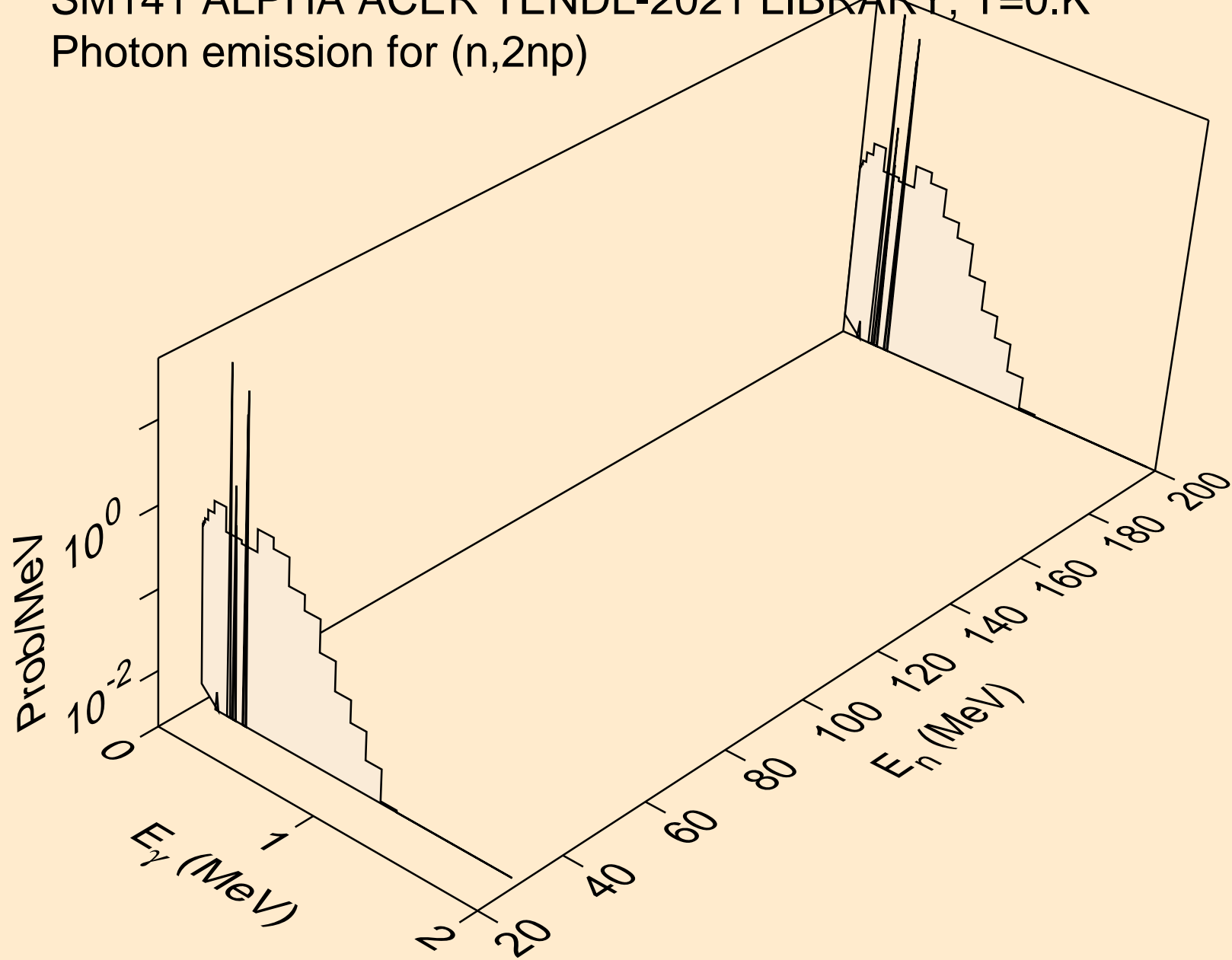
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



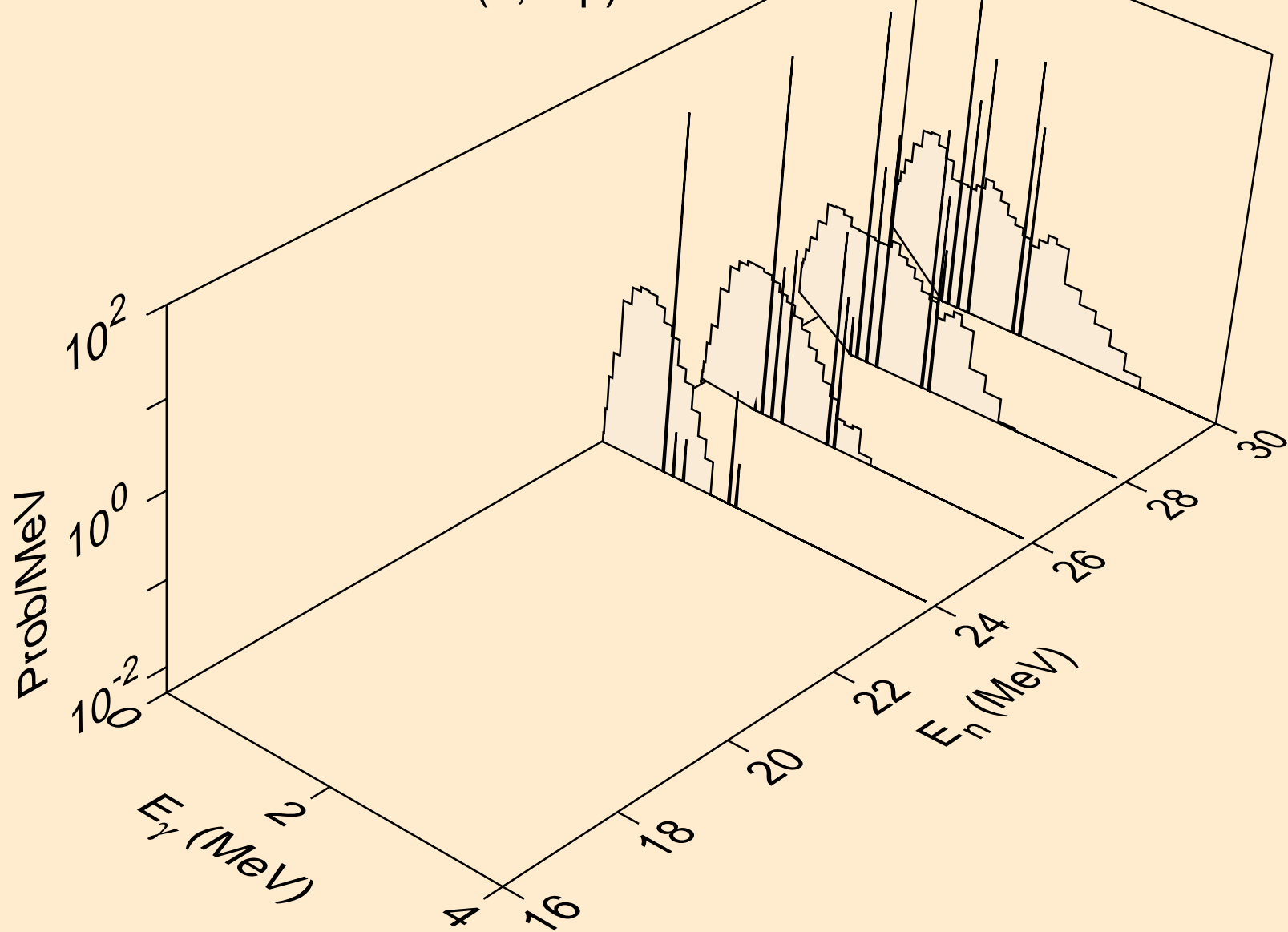
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



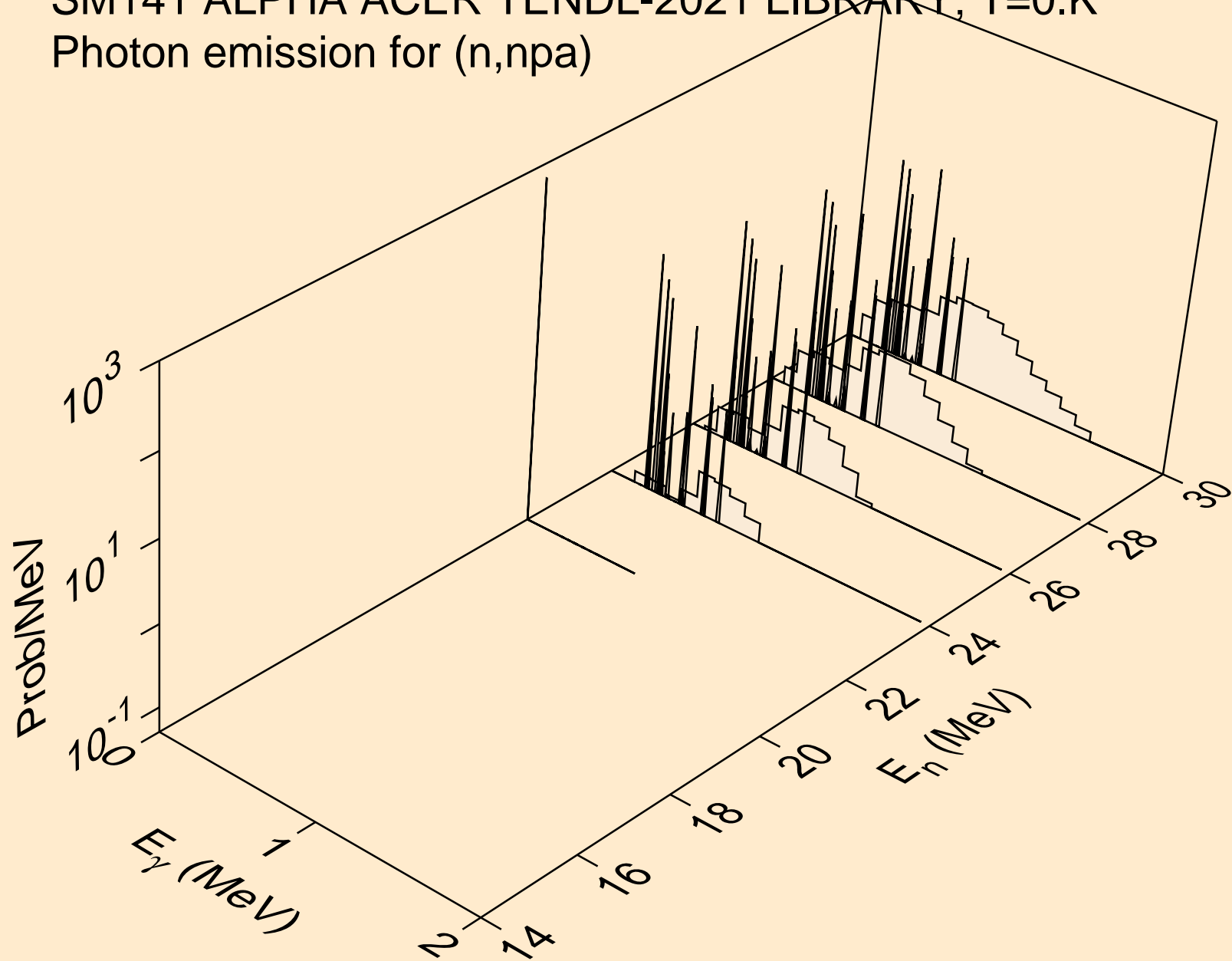
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

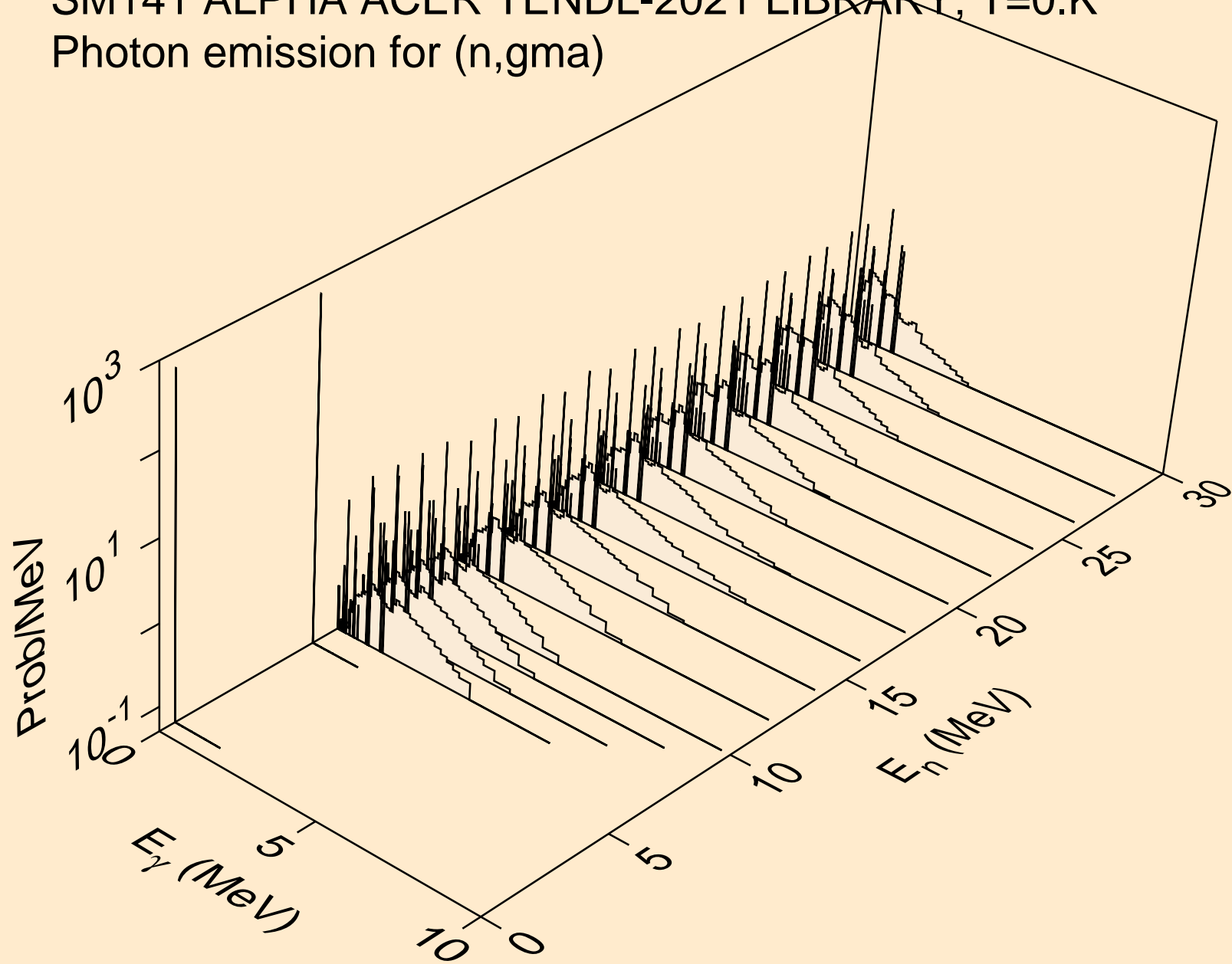


SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

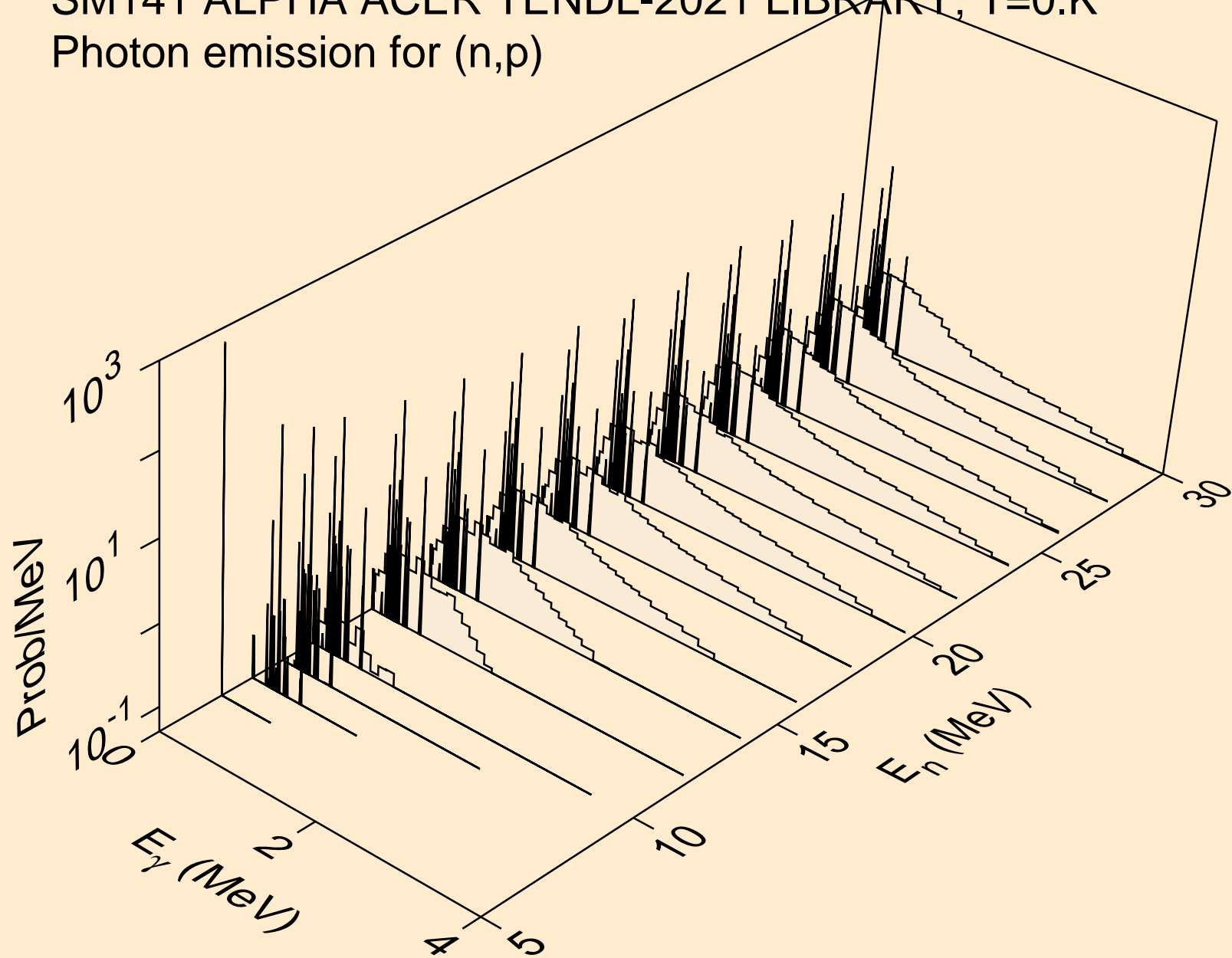




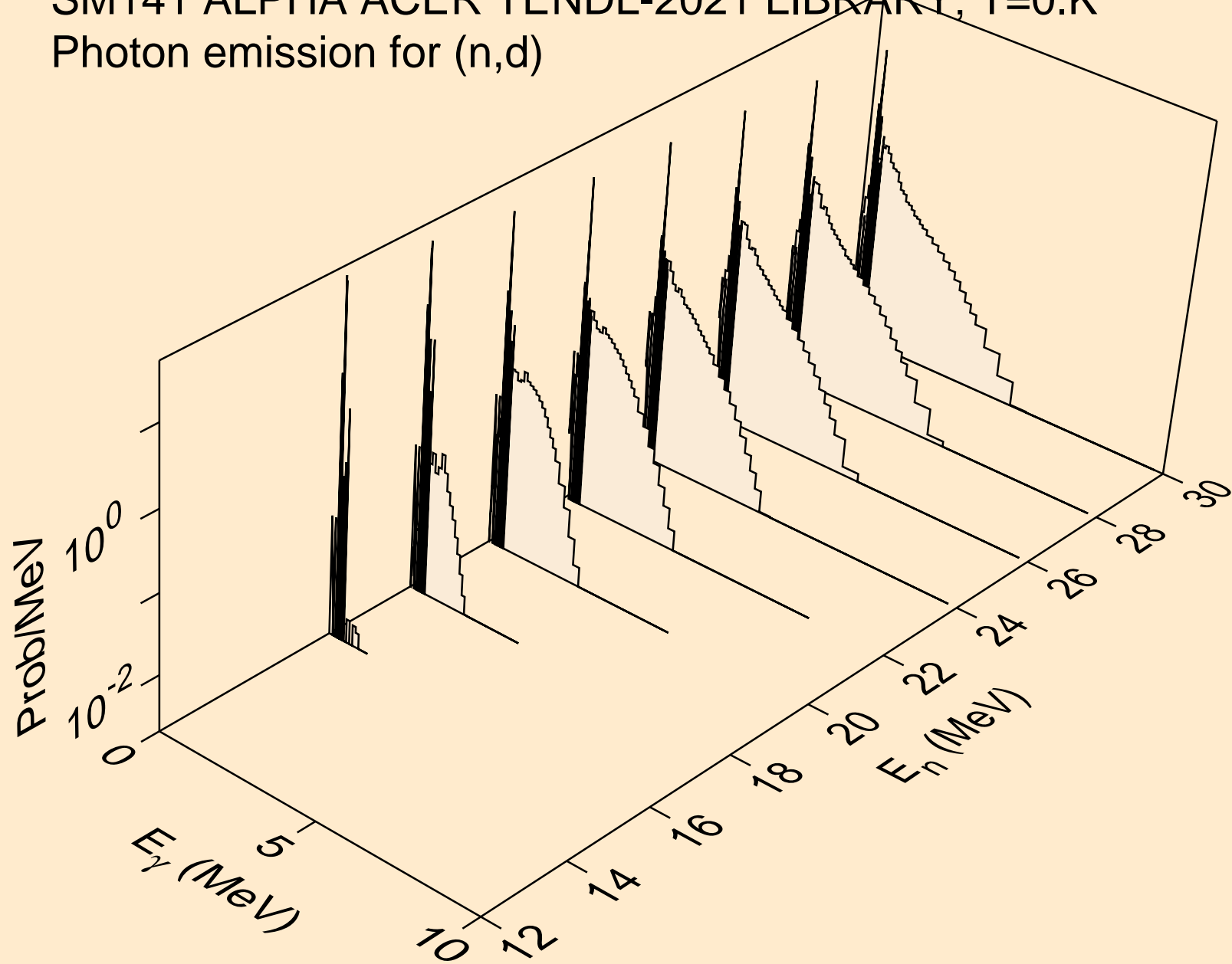
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



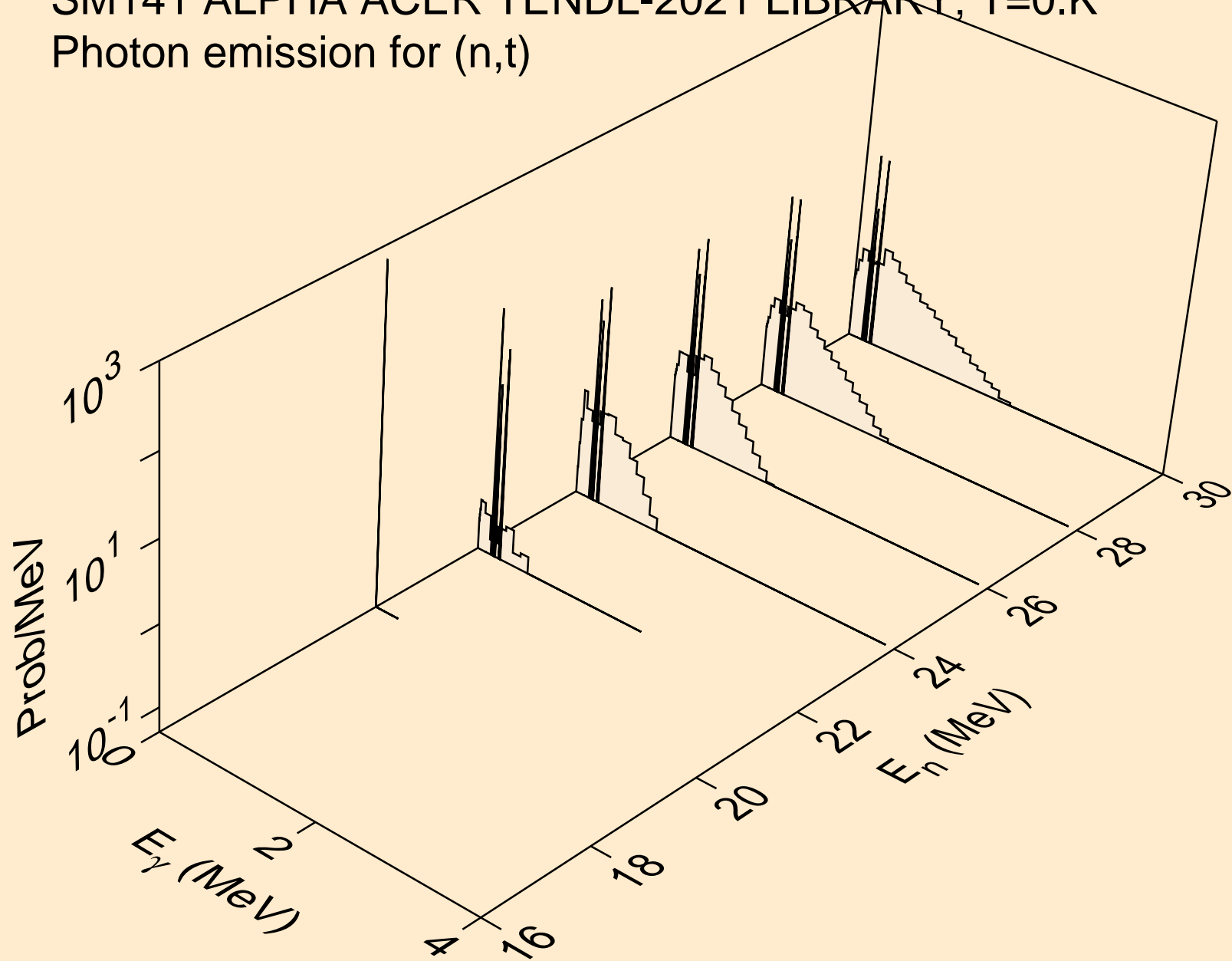
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



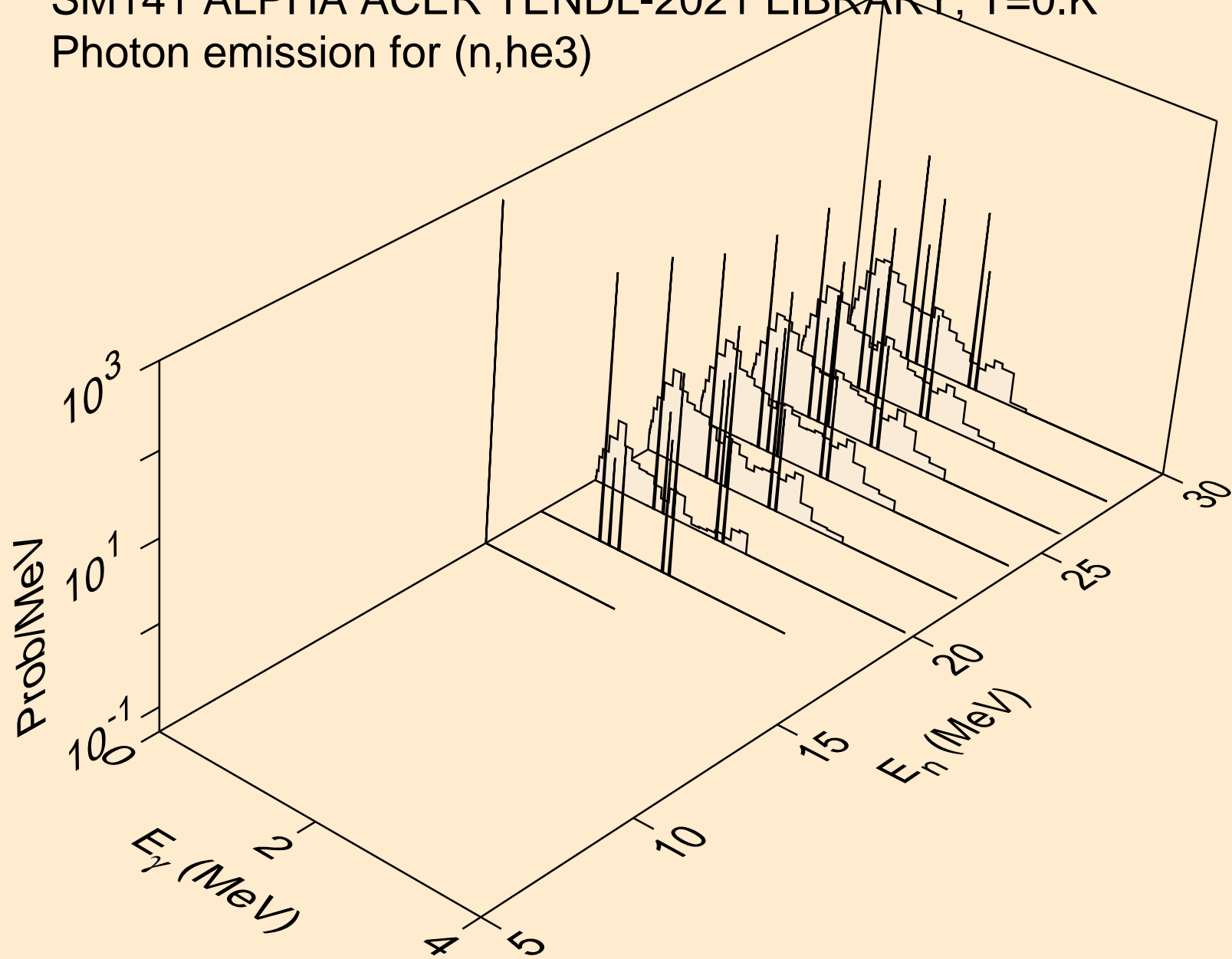
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Photon emission for (n,d)



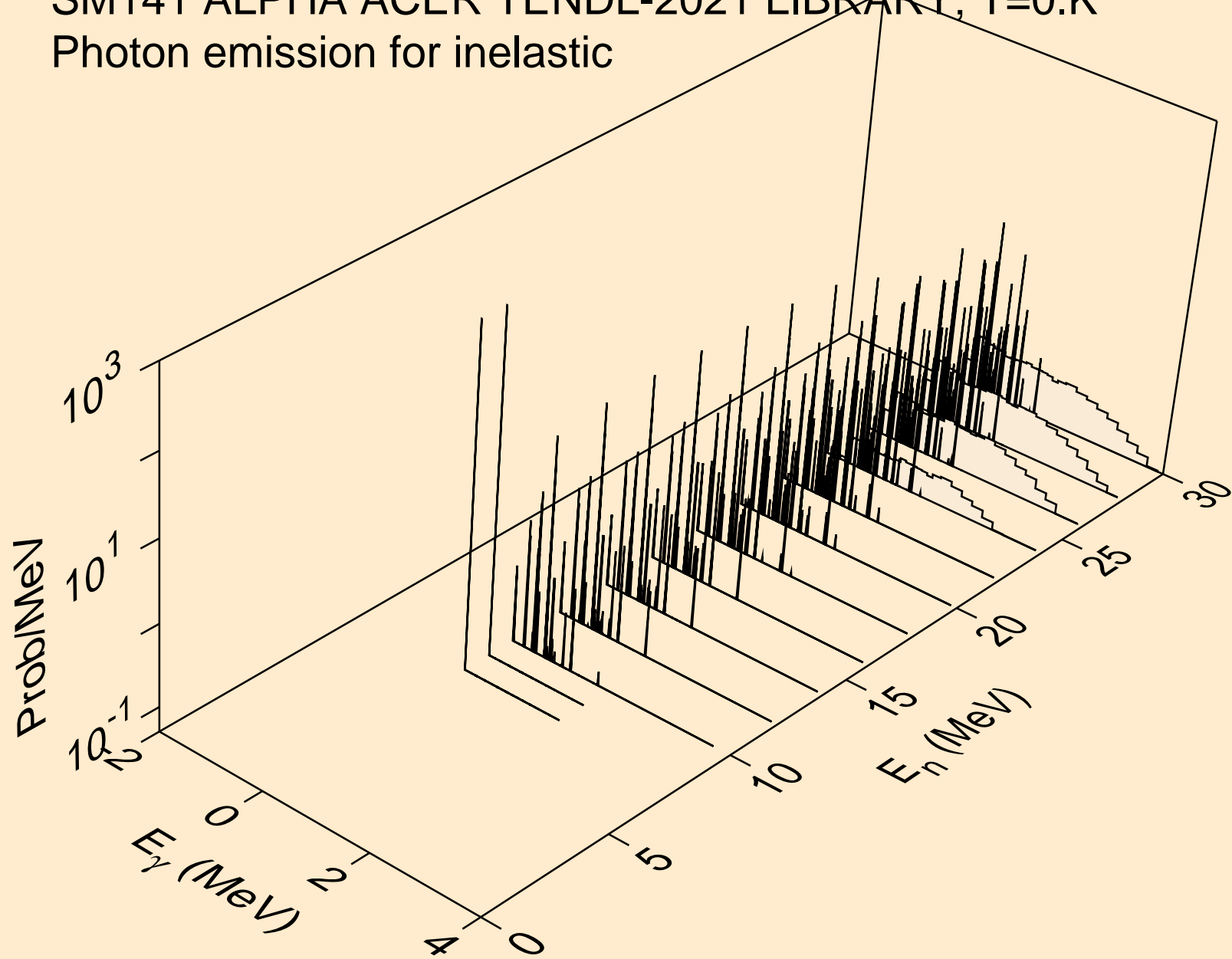
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



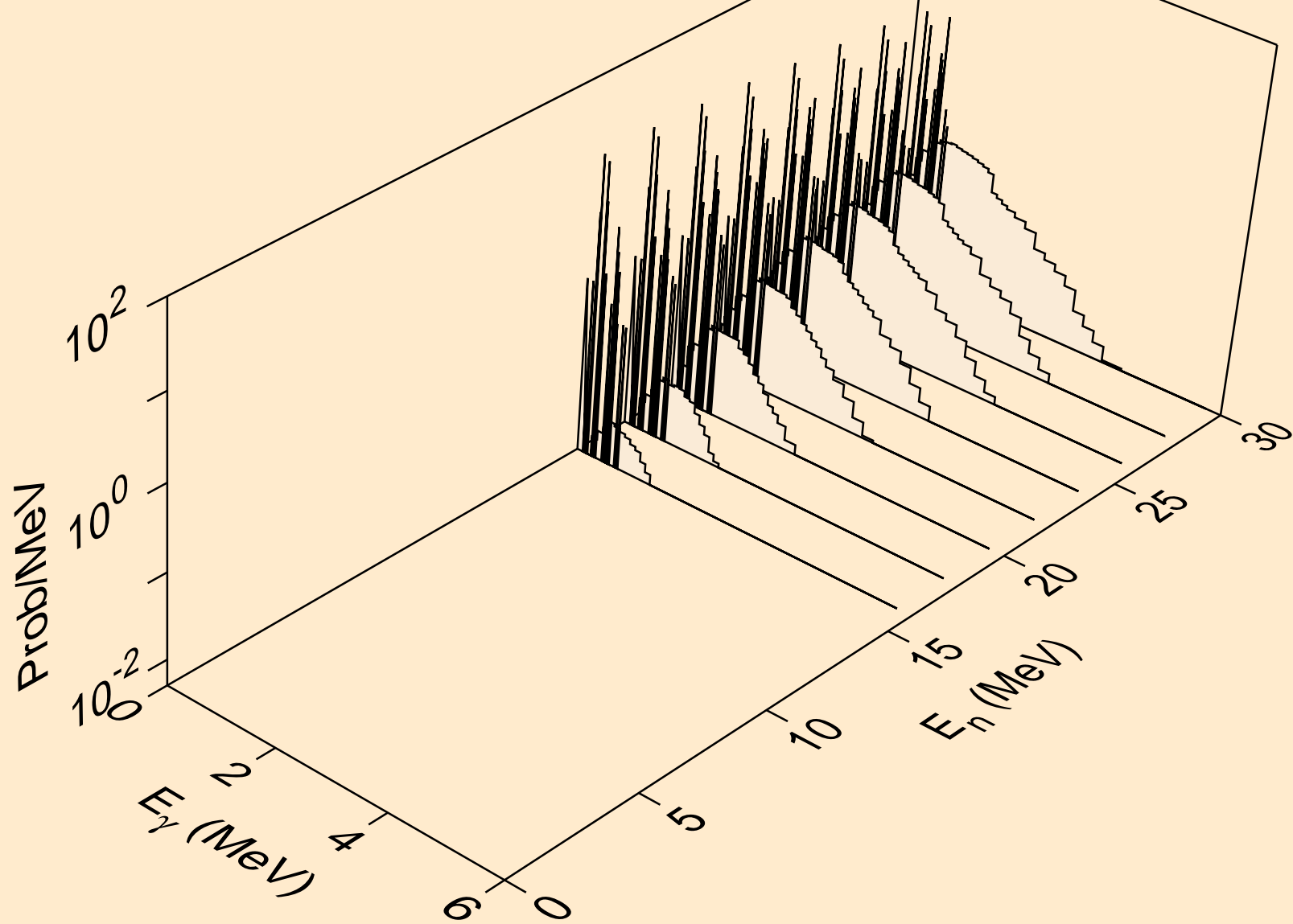
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Photon emission for (n,he3)



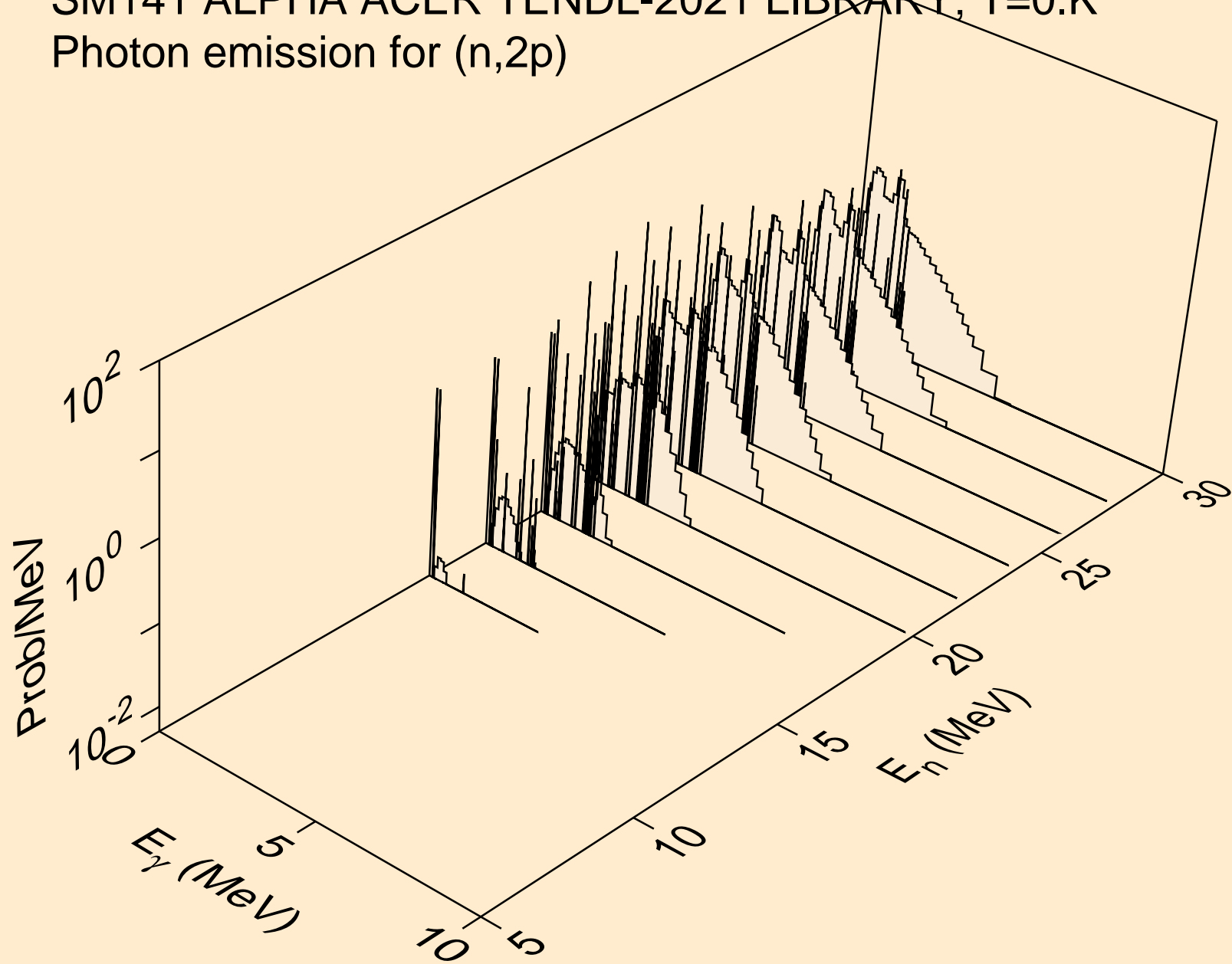
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

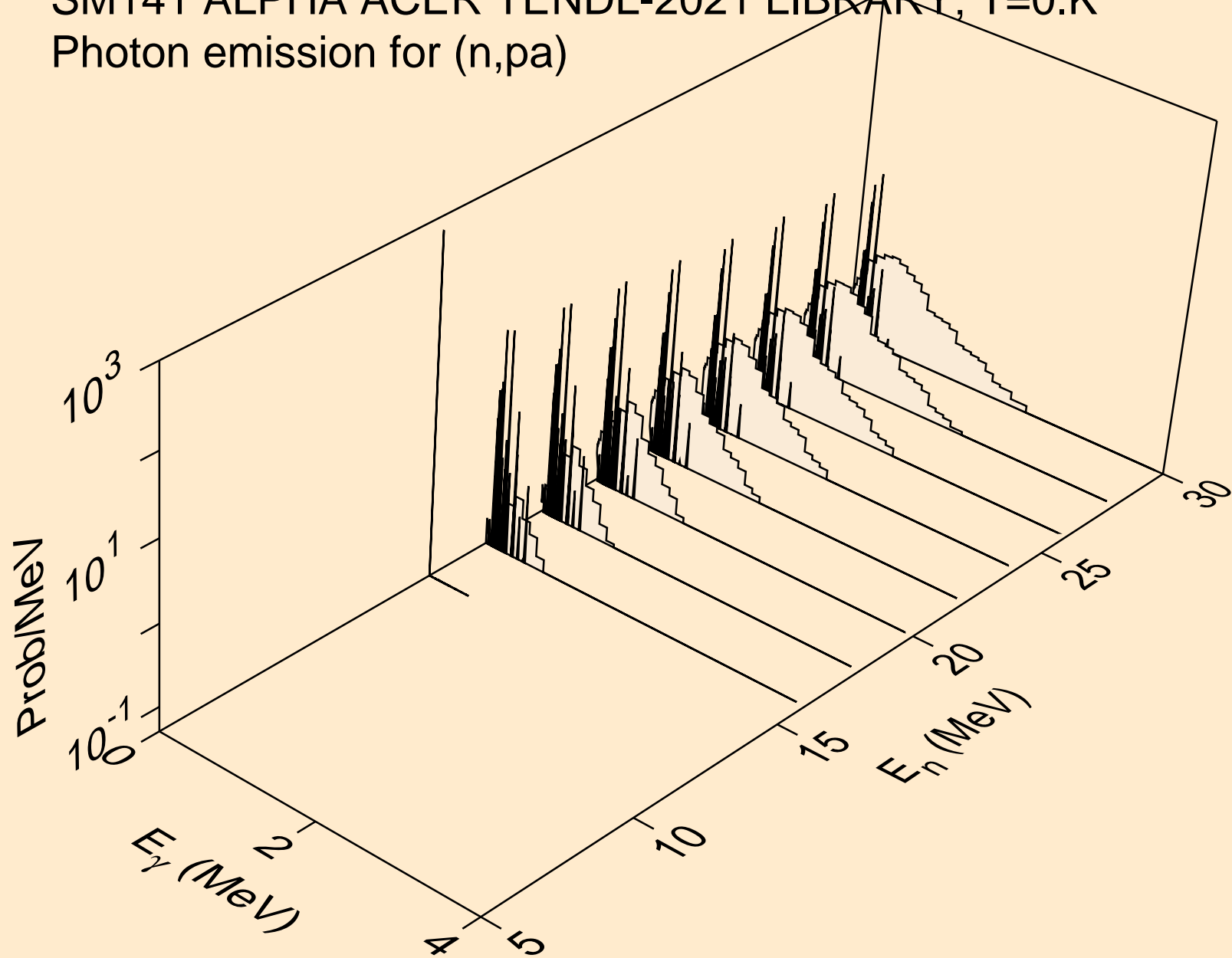


SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

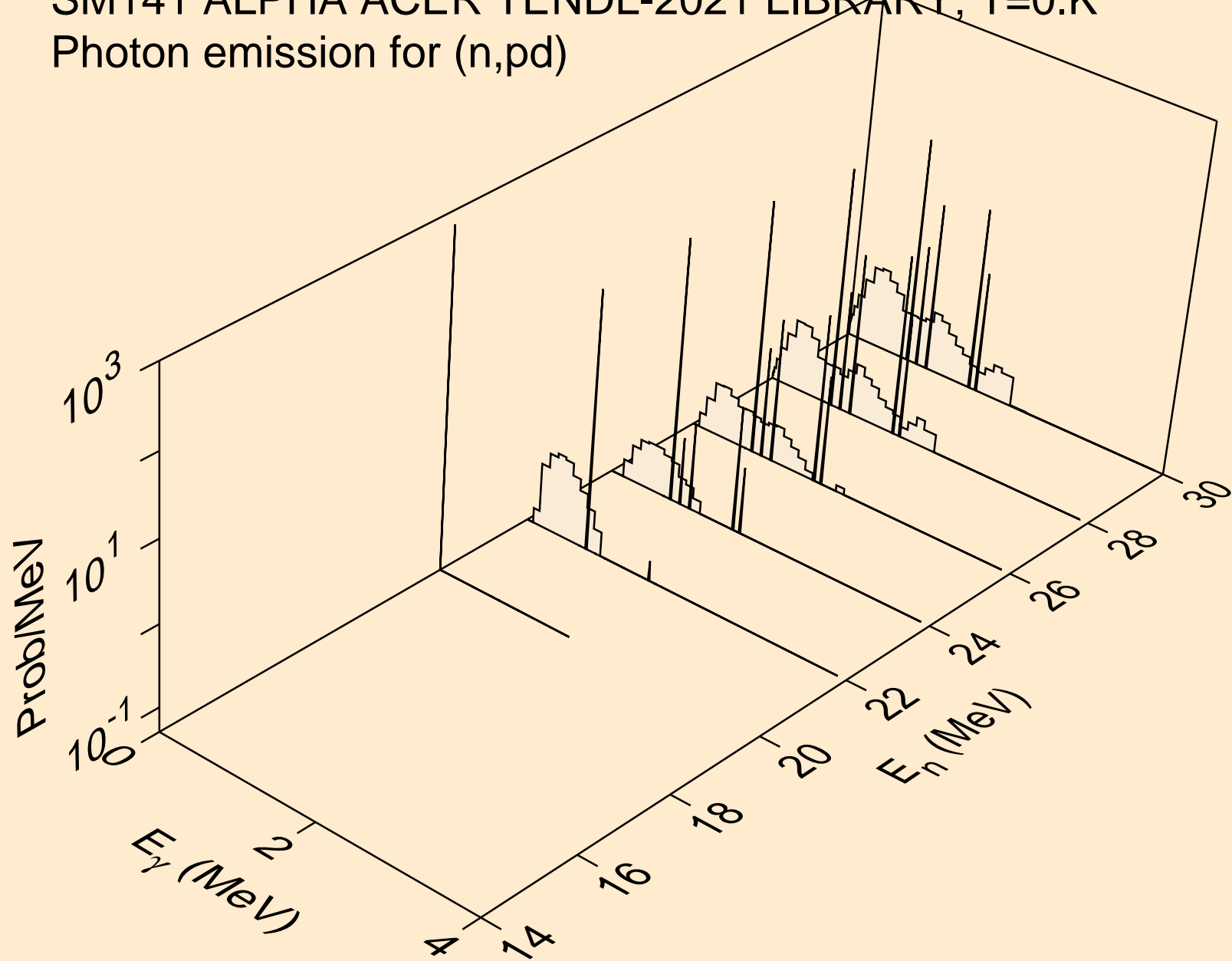




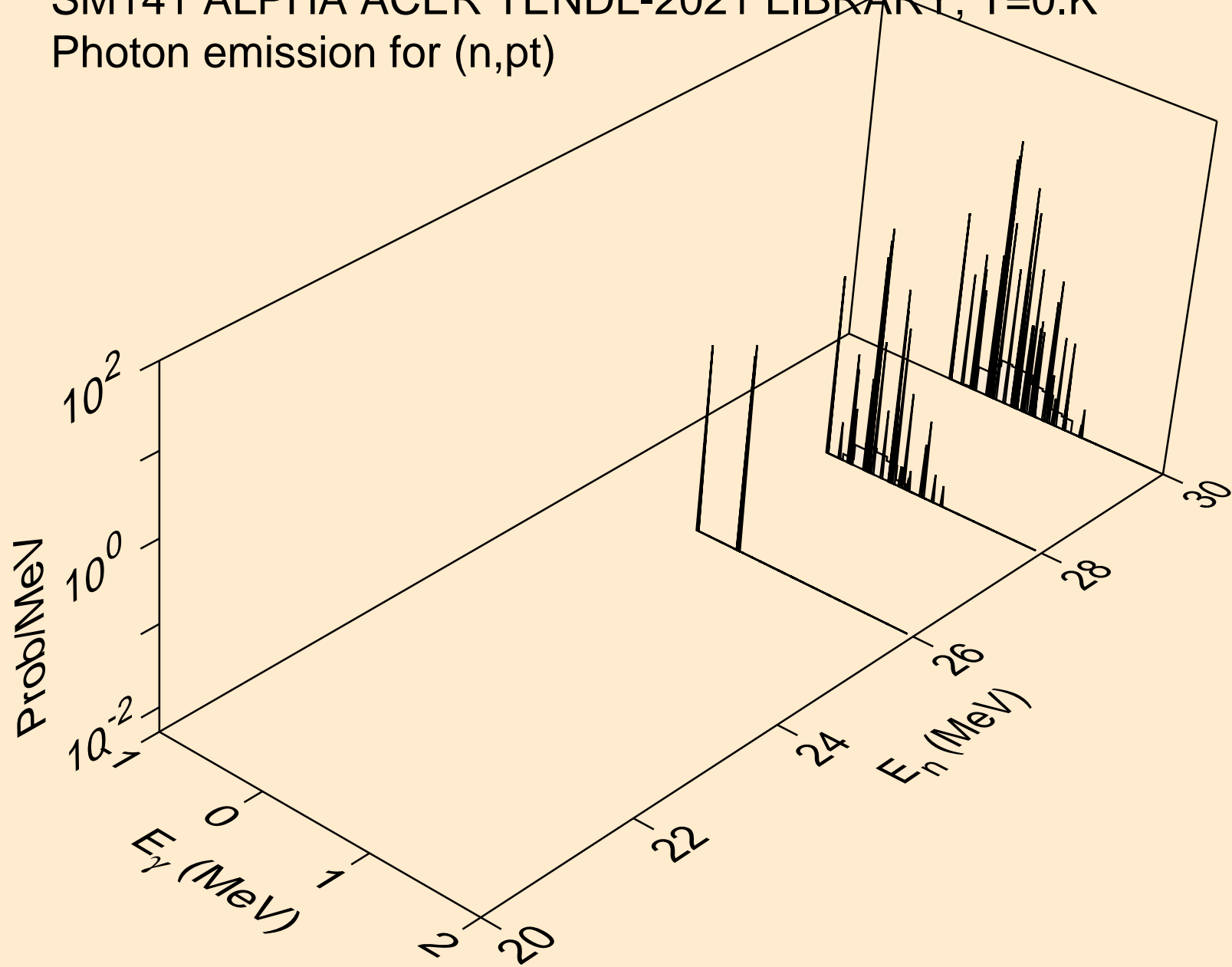
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



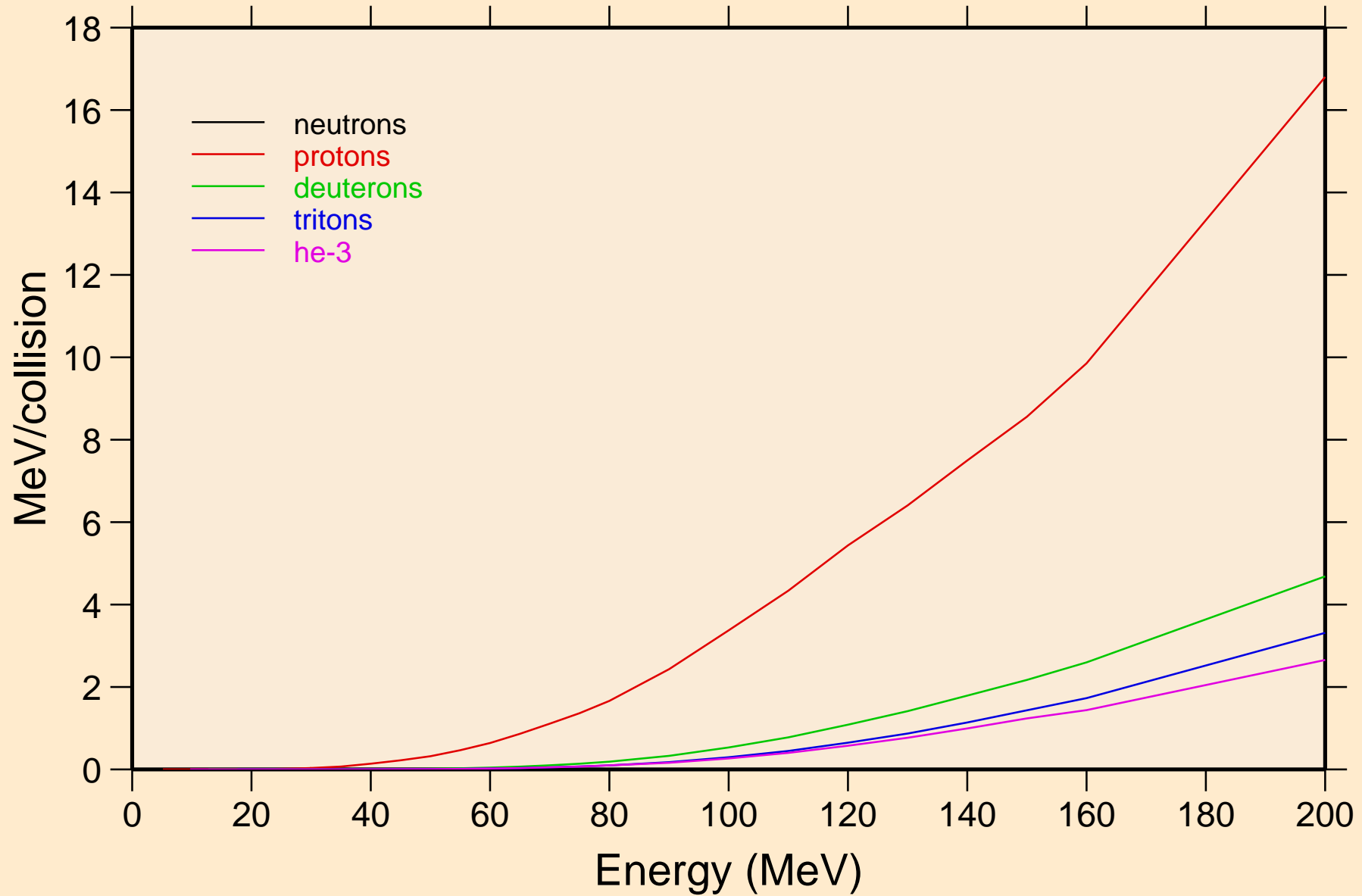
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

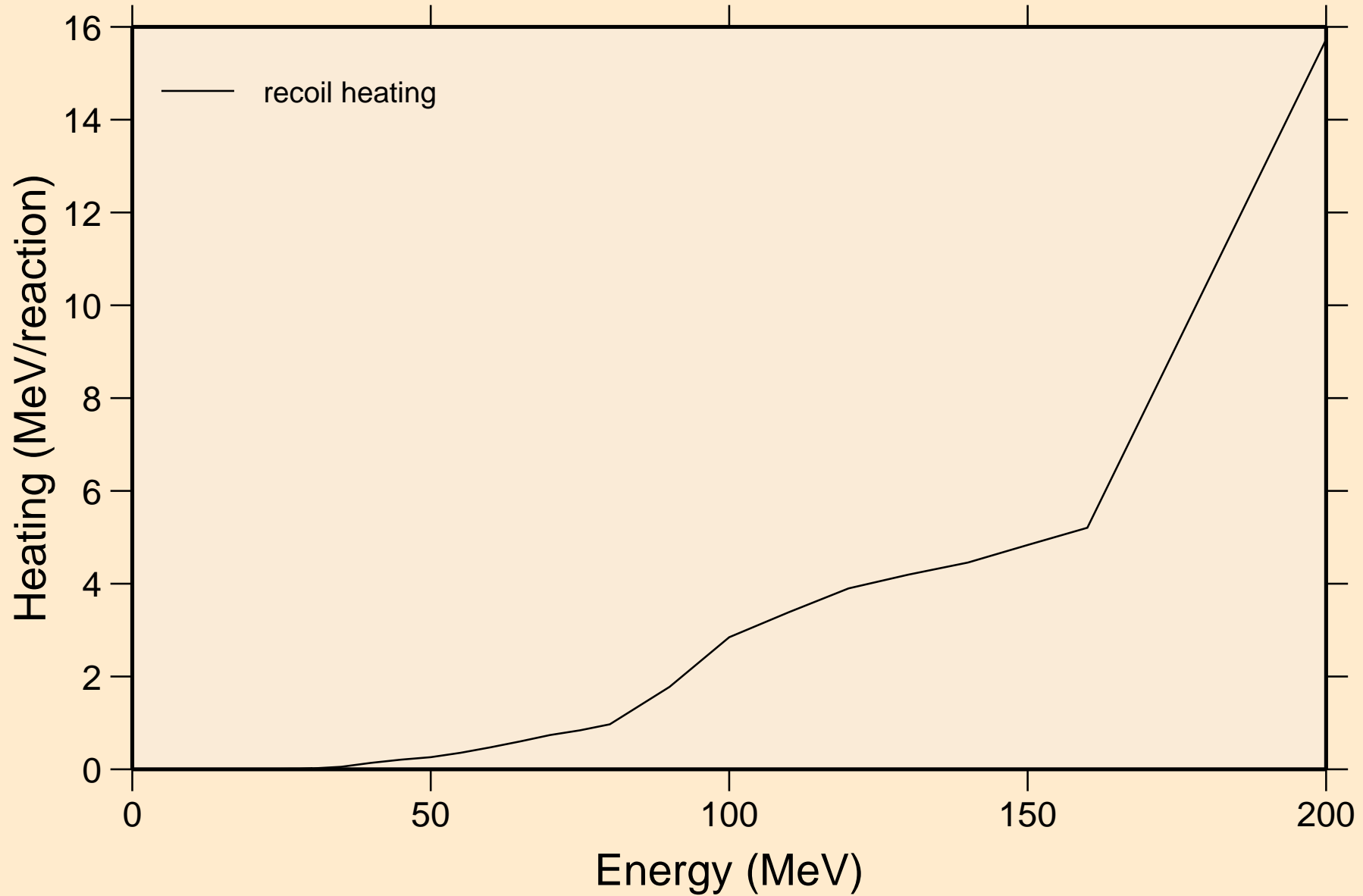


SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

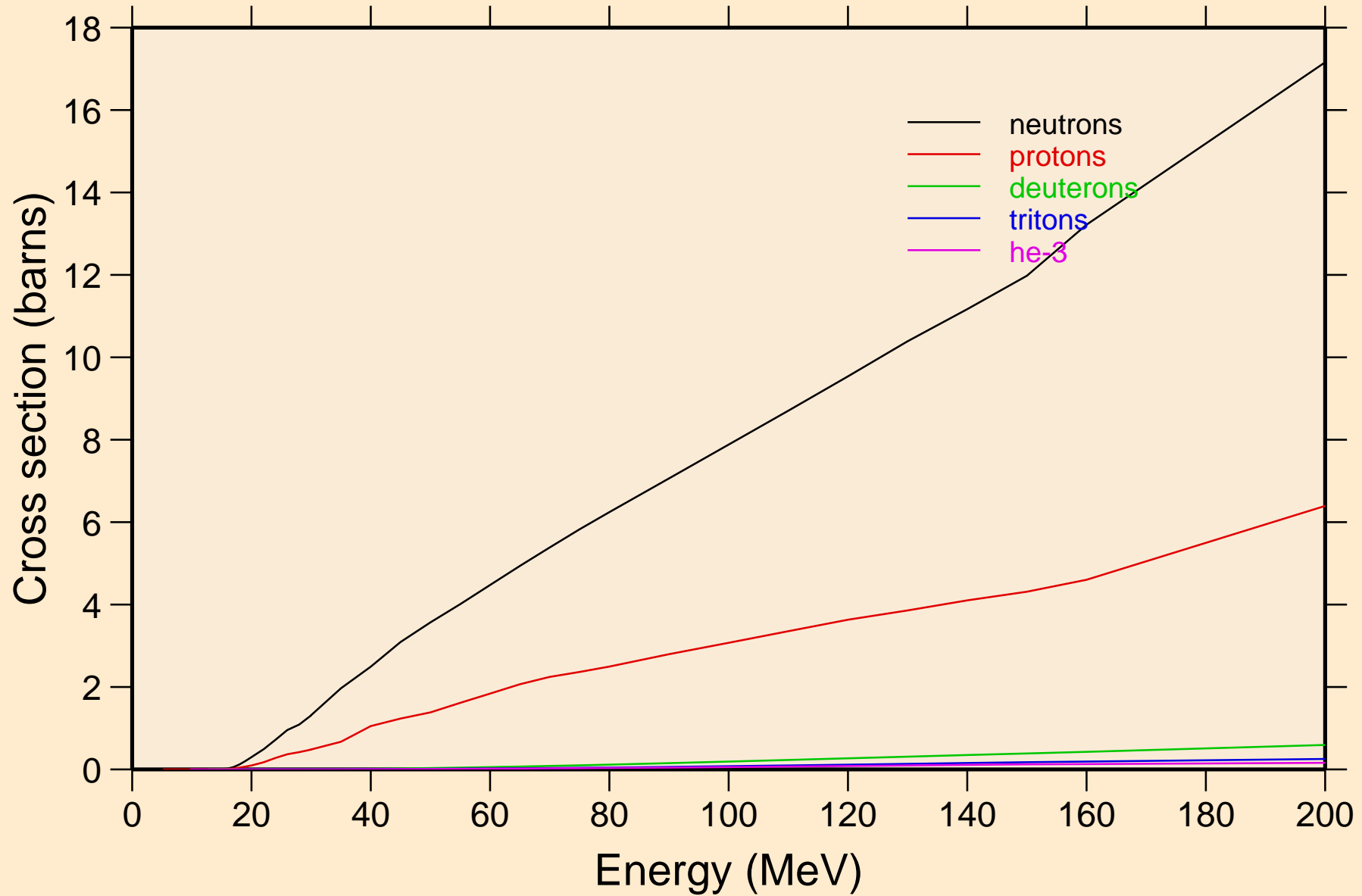


SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

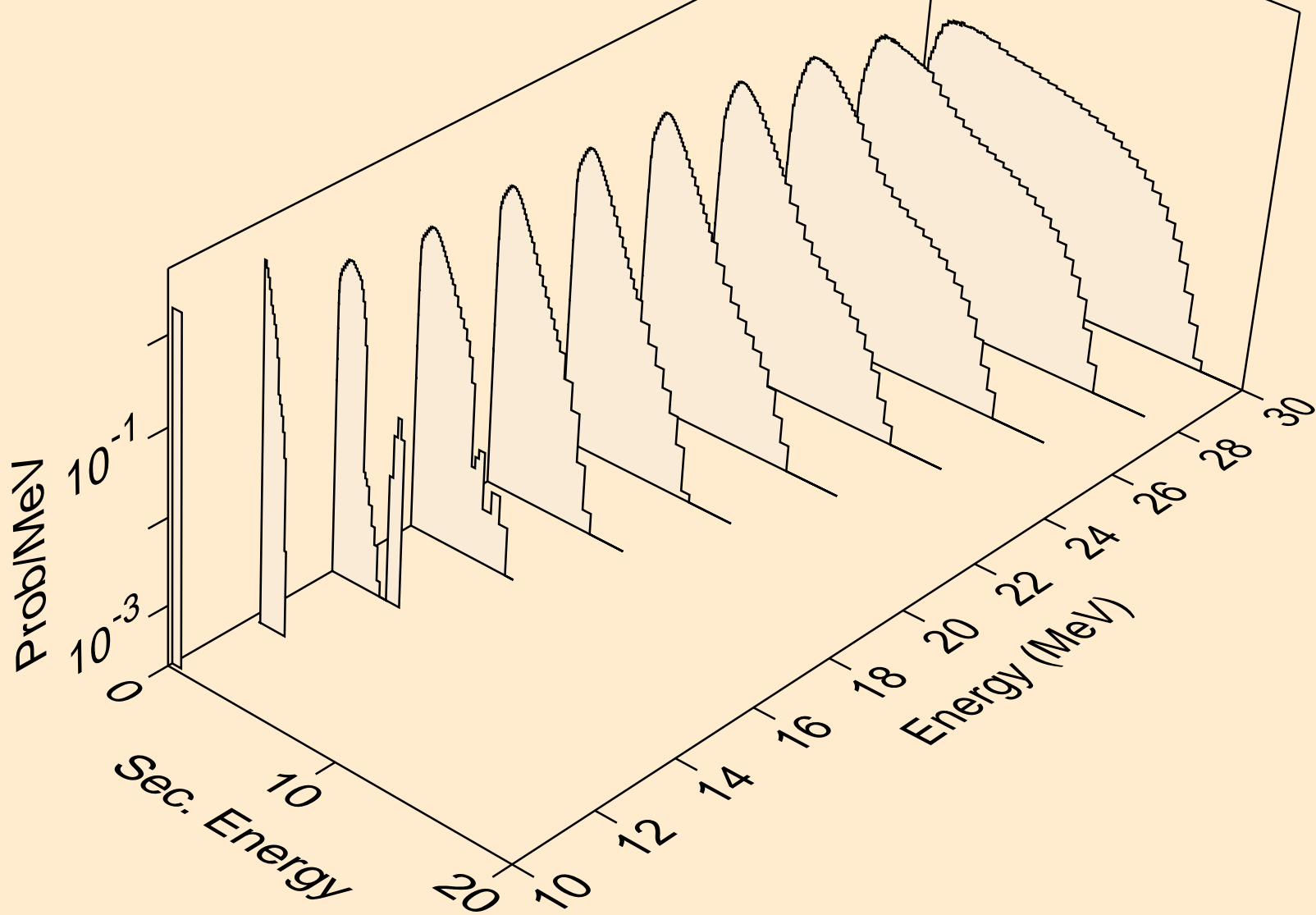
### Recoil Heating



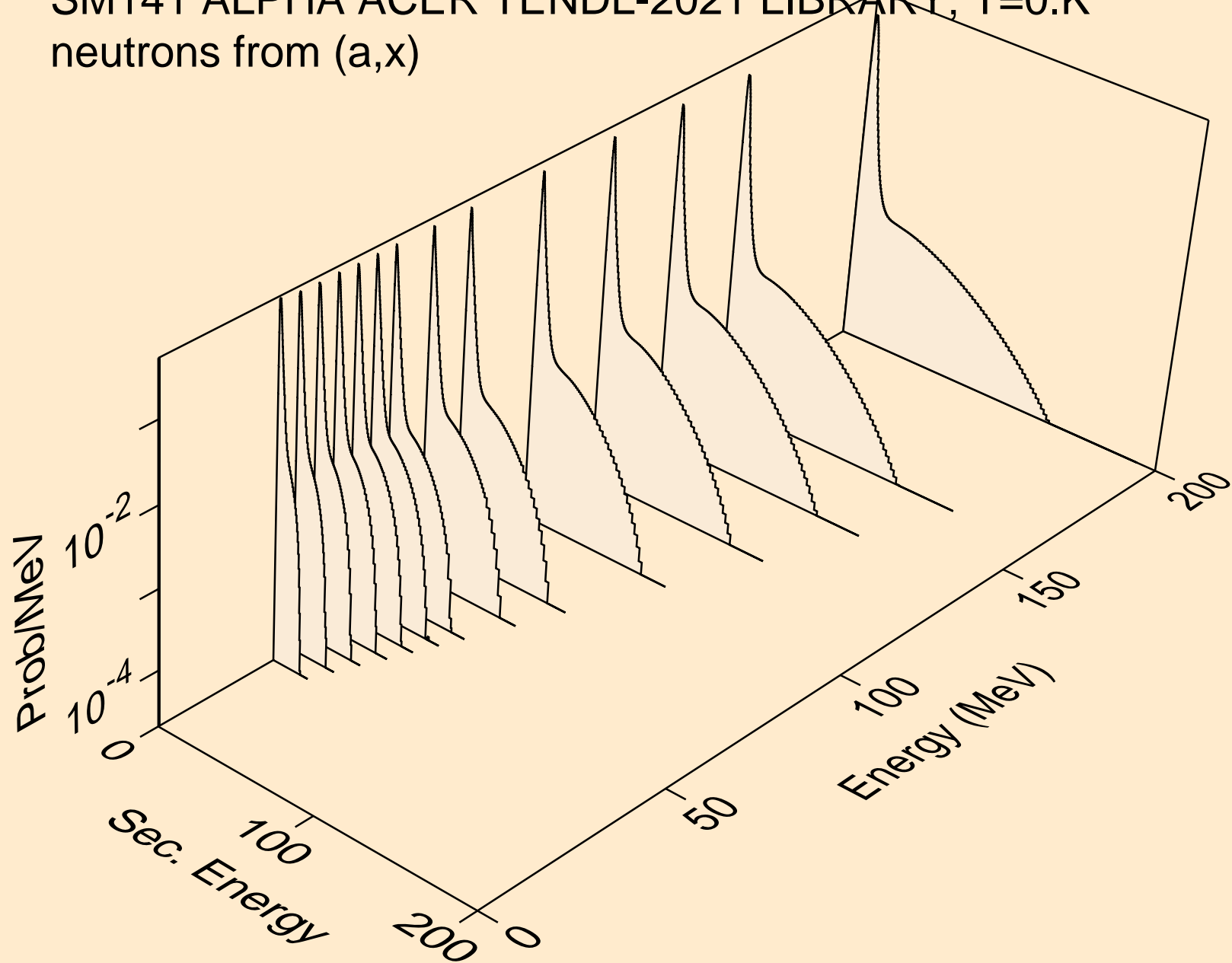
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)

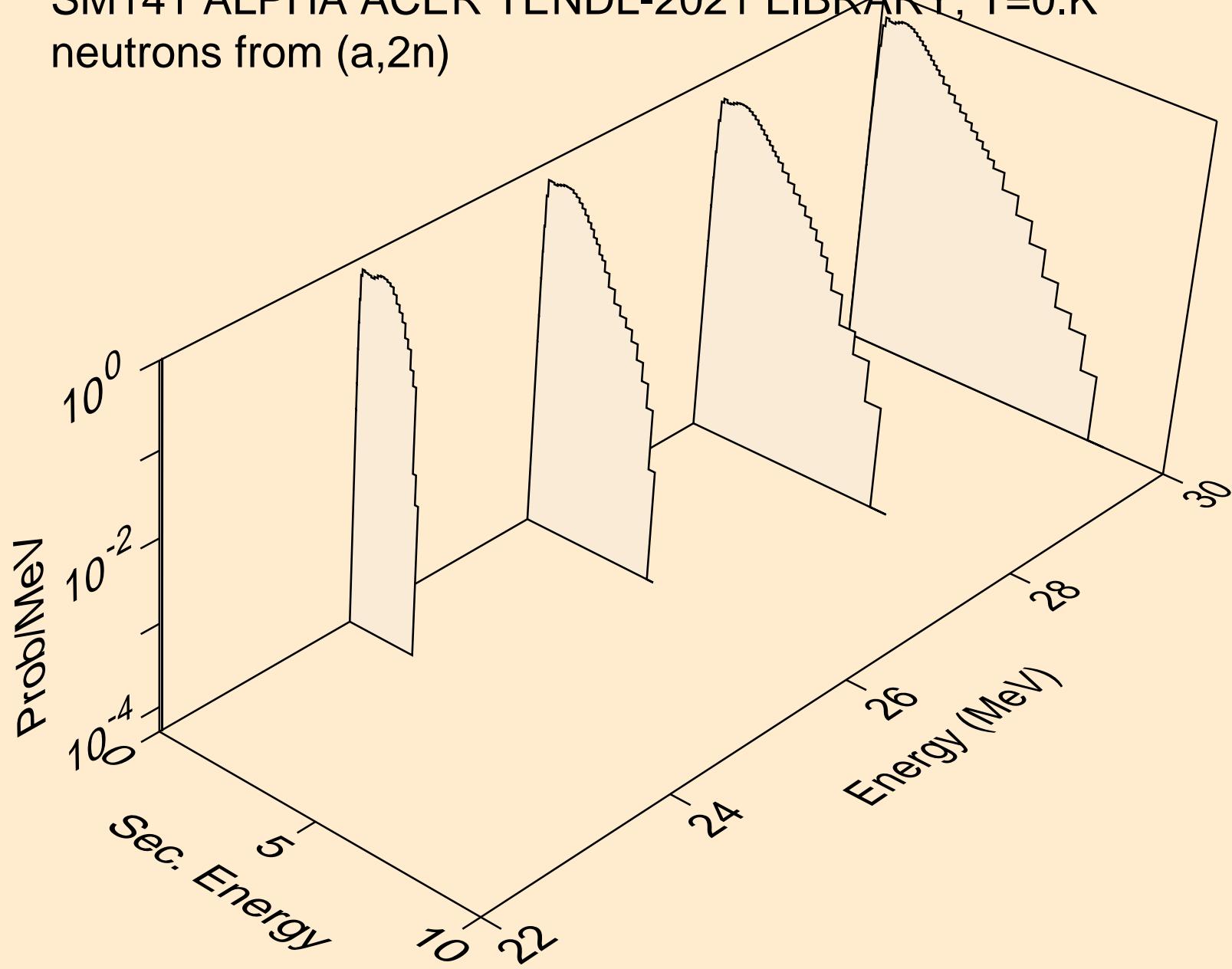


SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

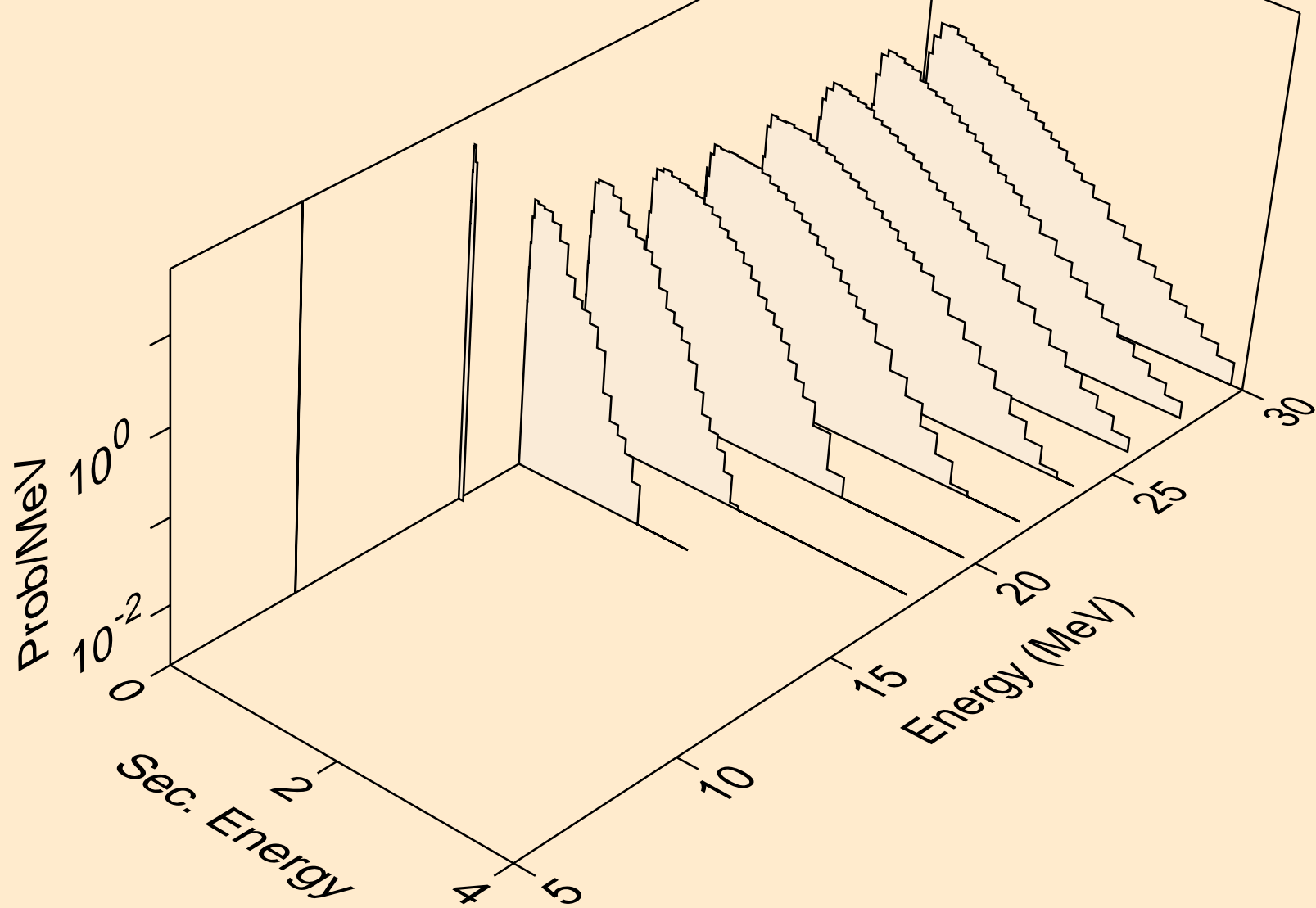




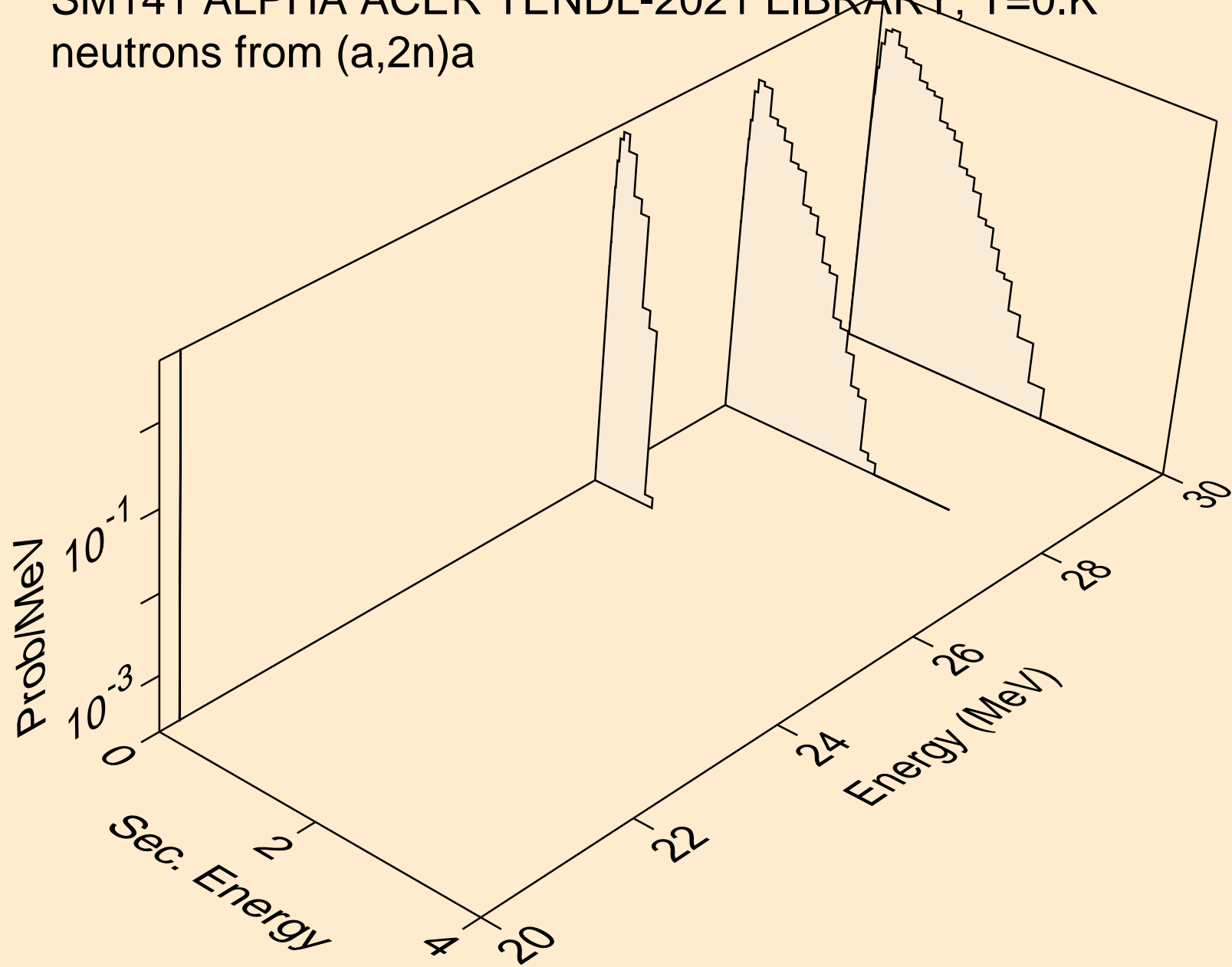
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



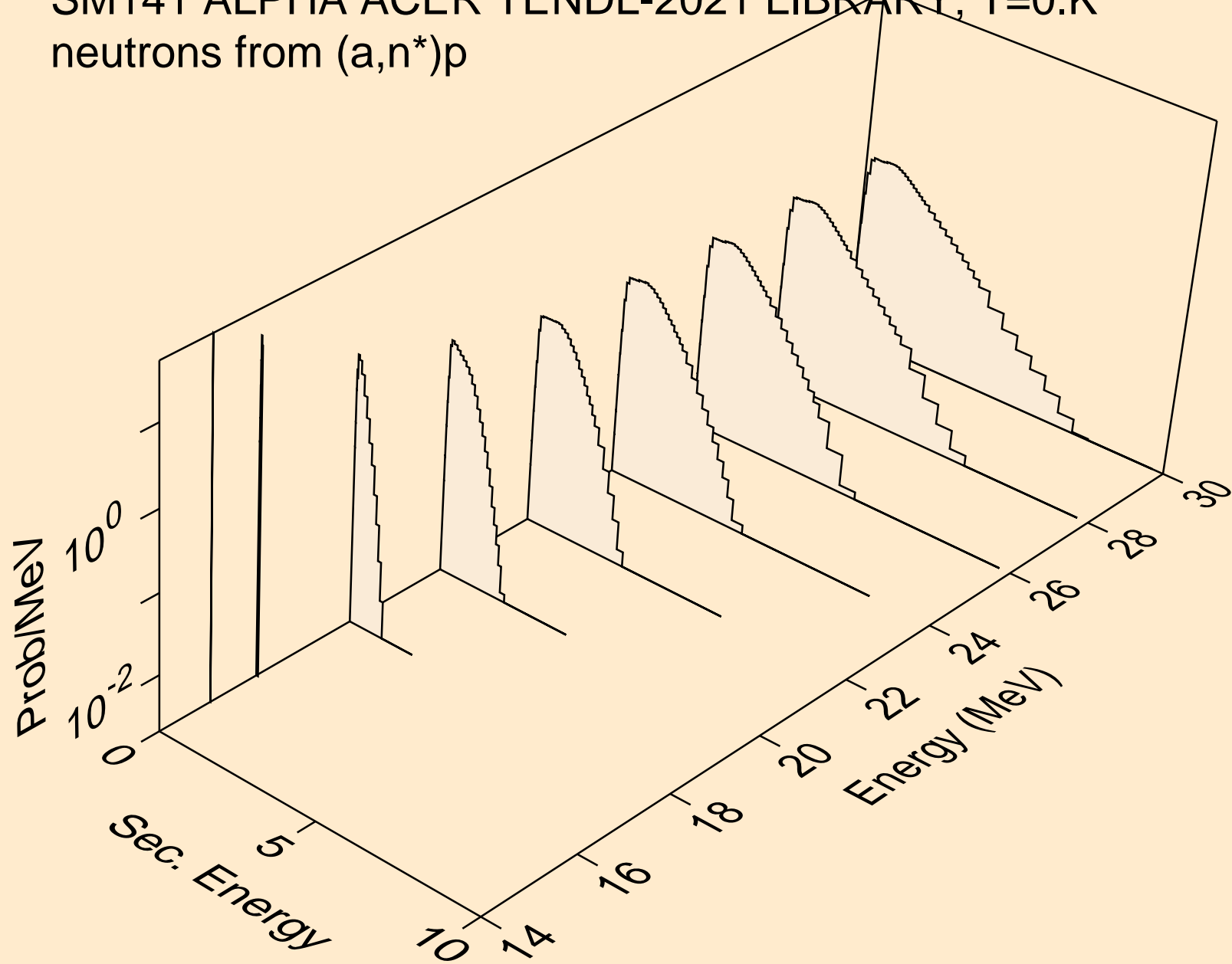
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



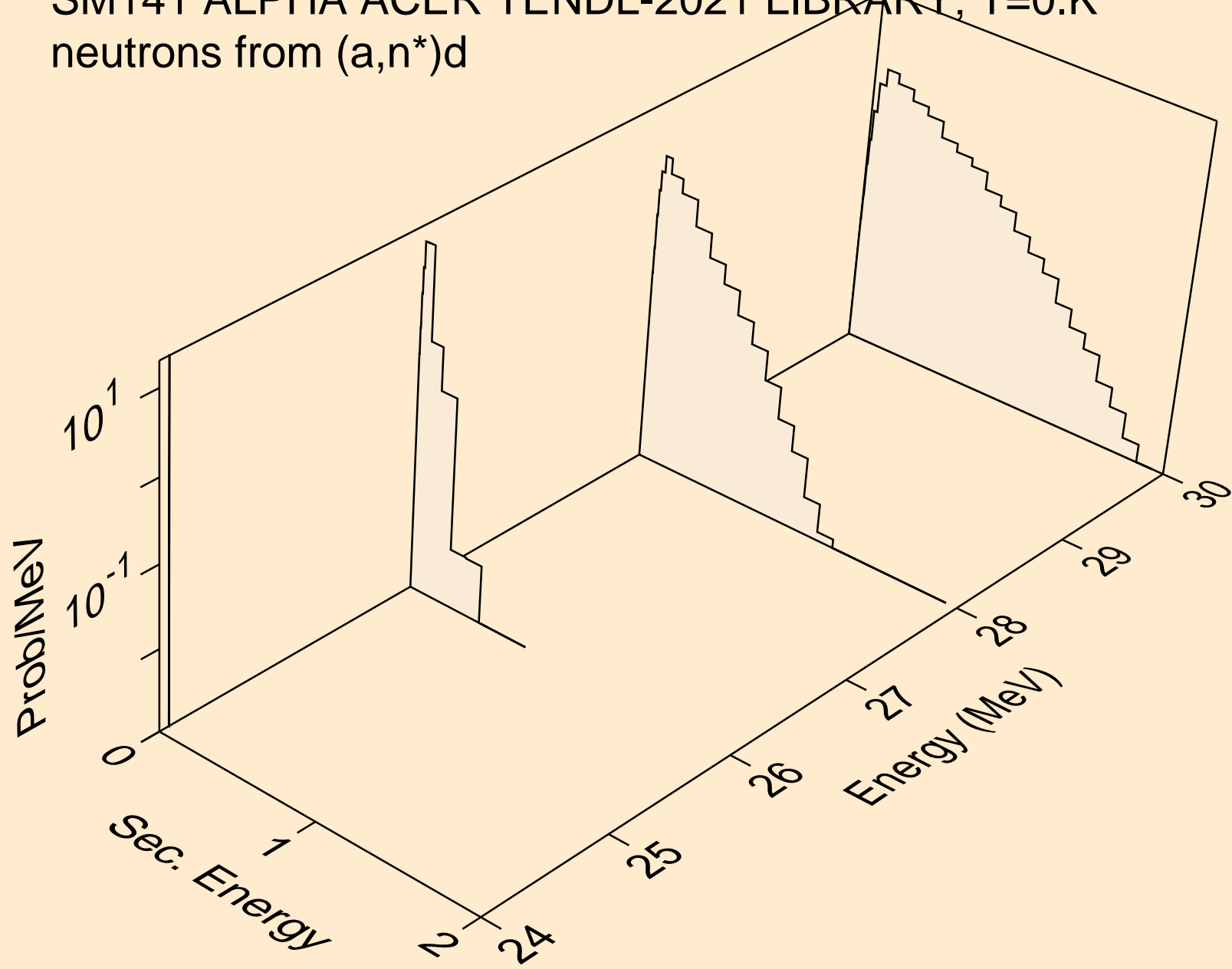
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



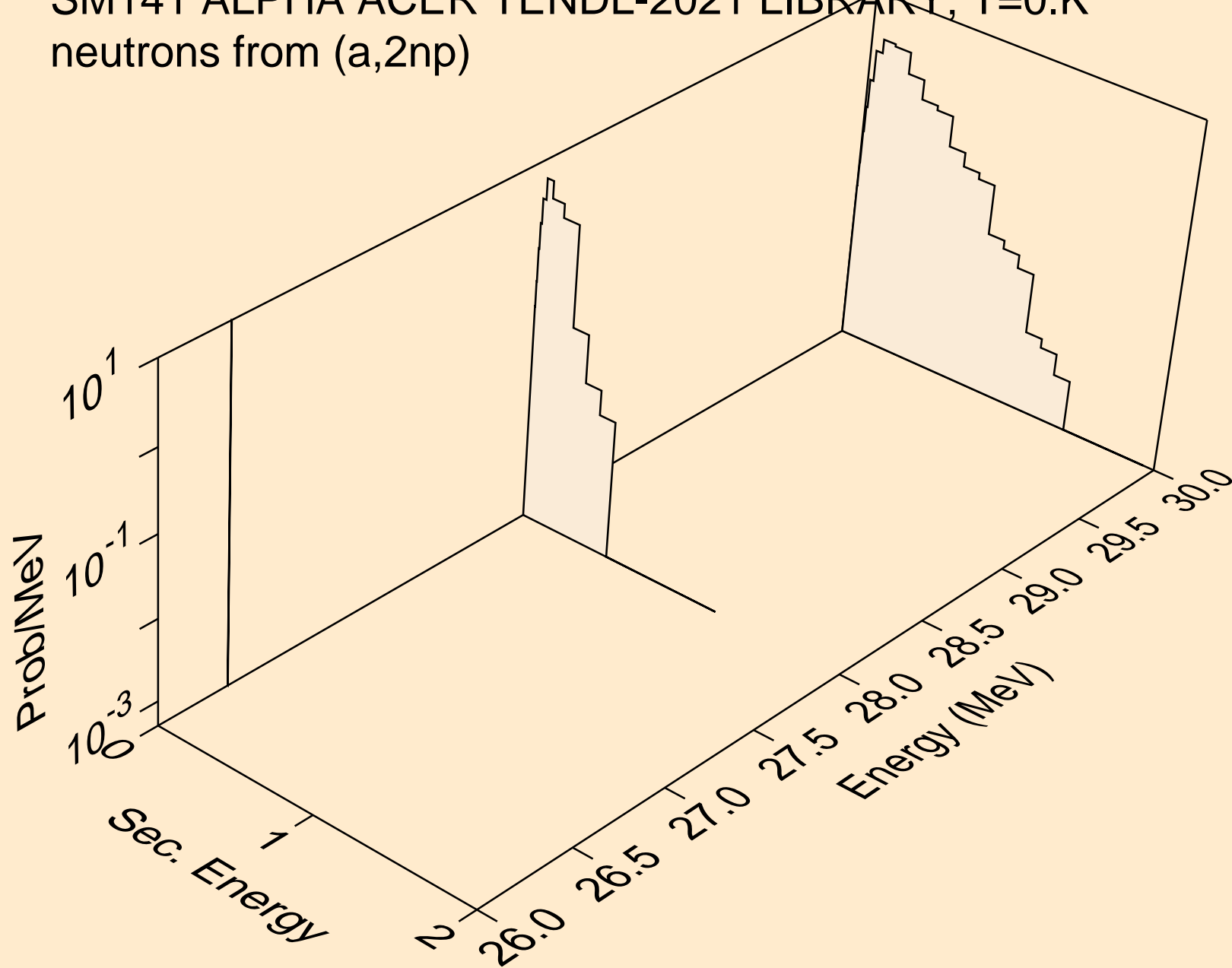
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



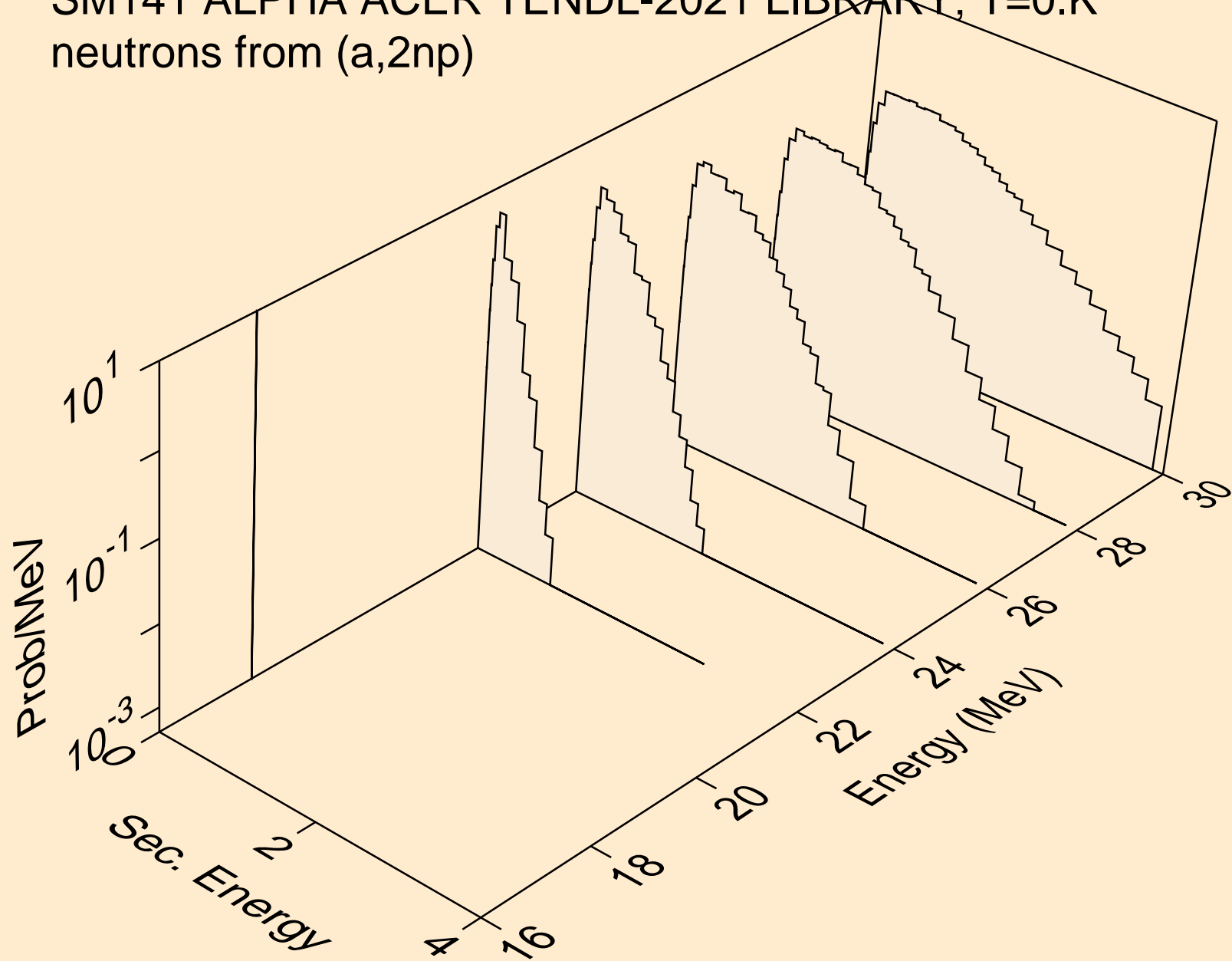
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



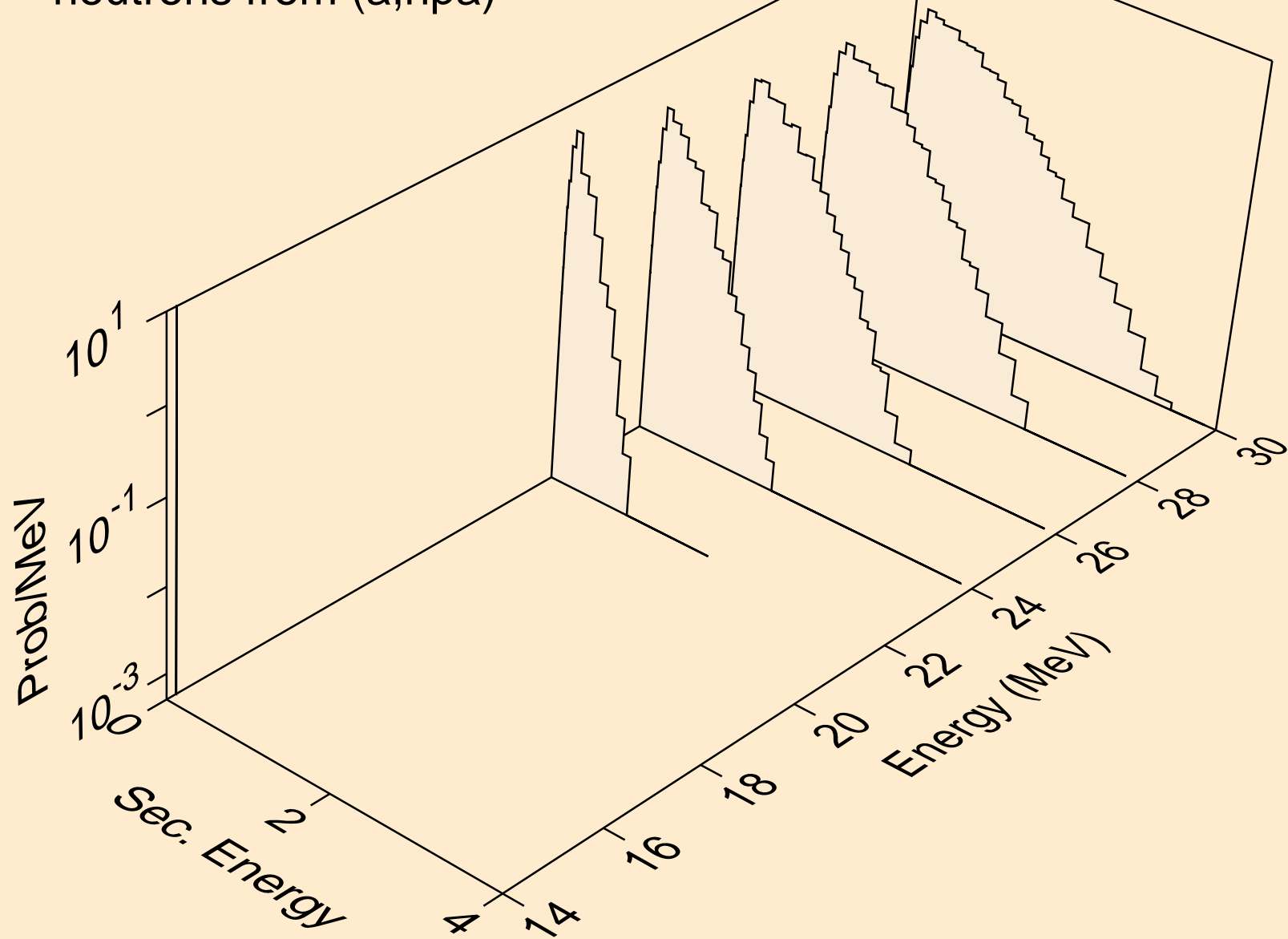
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)

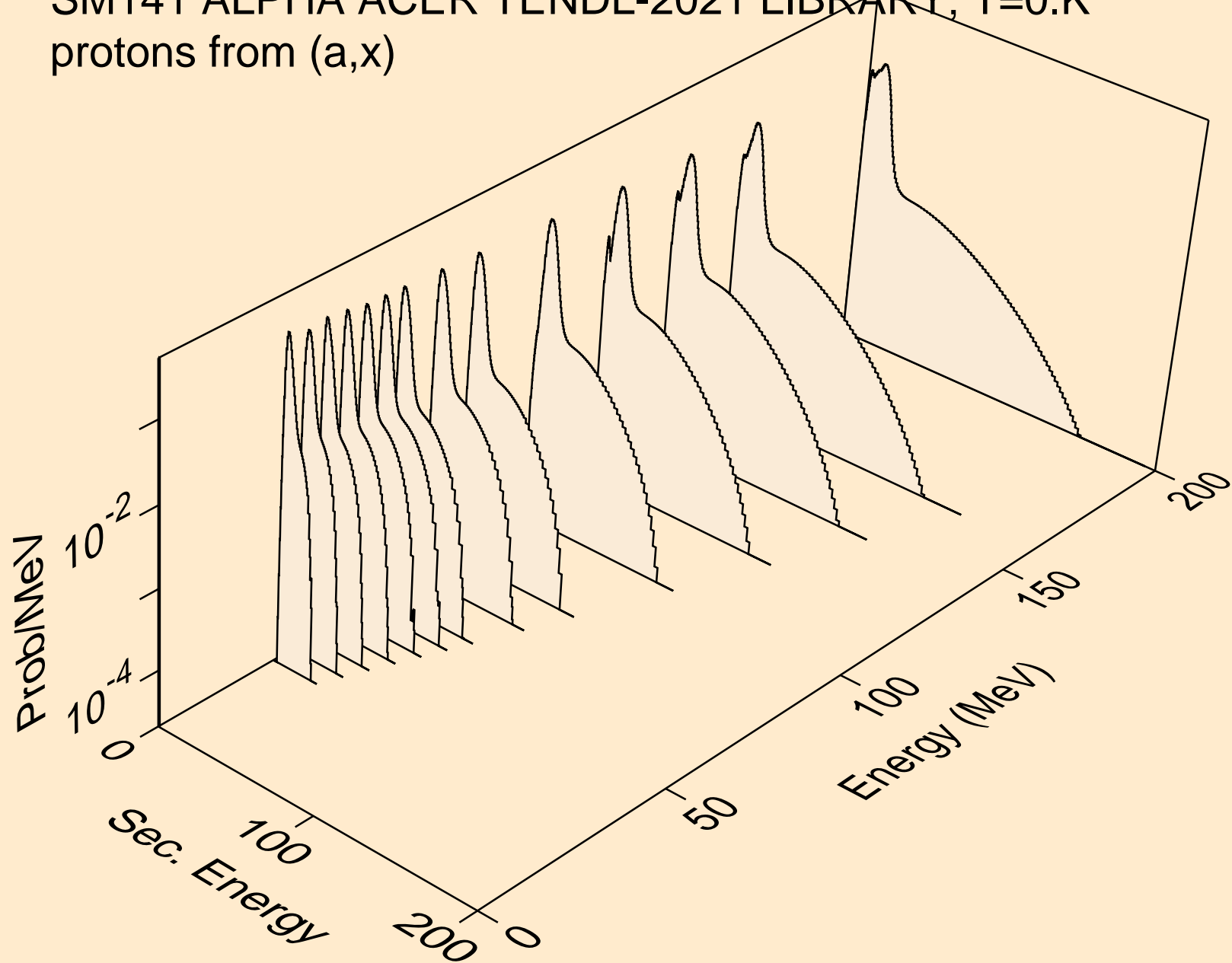


SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)

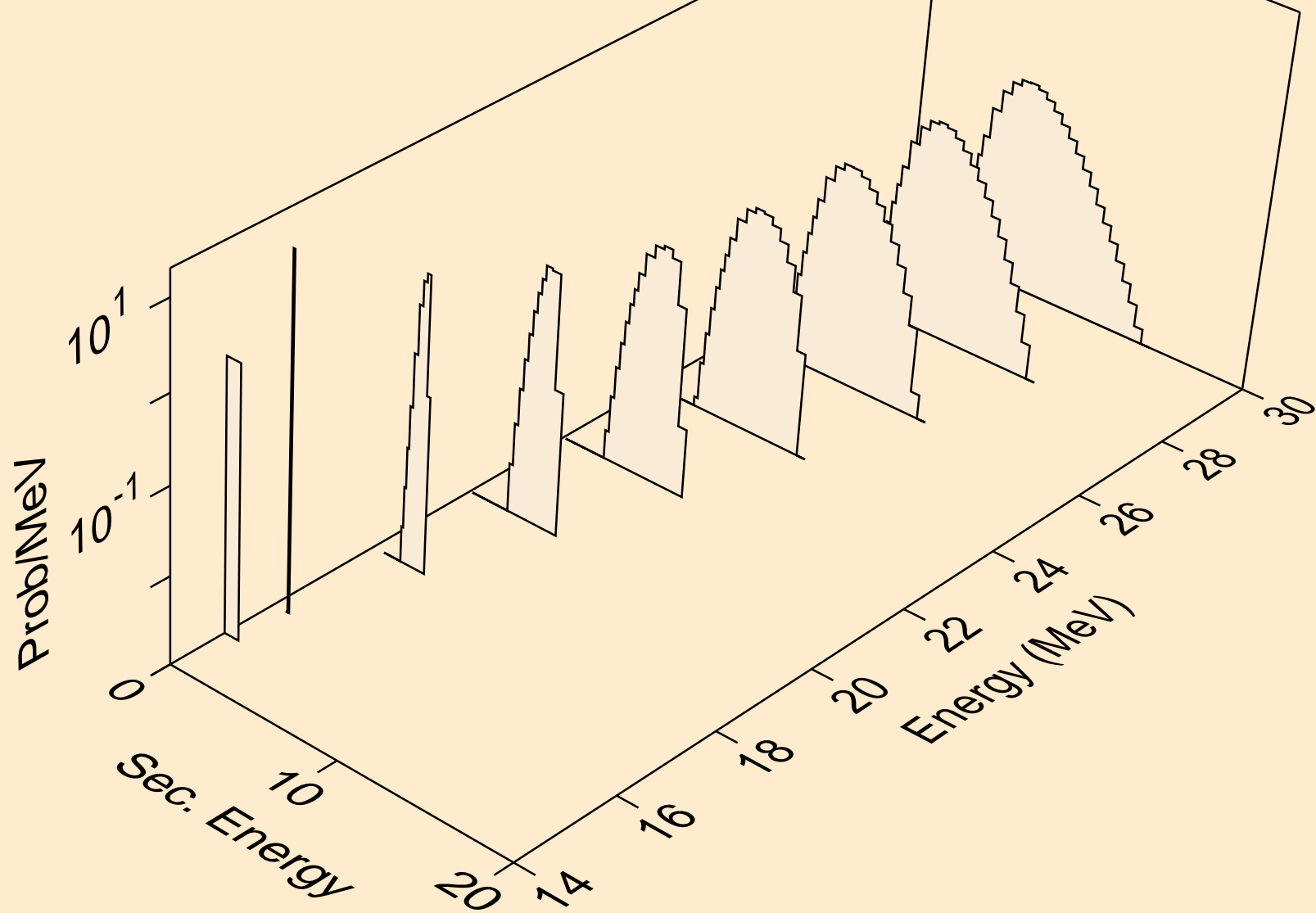




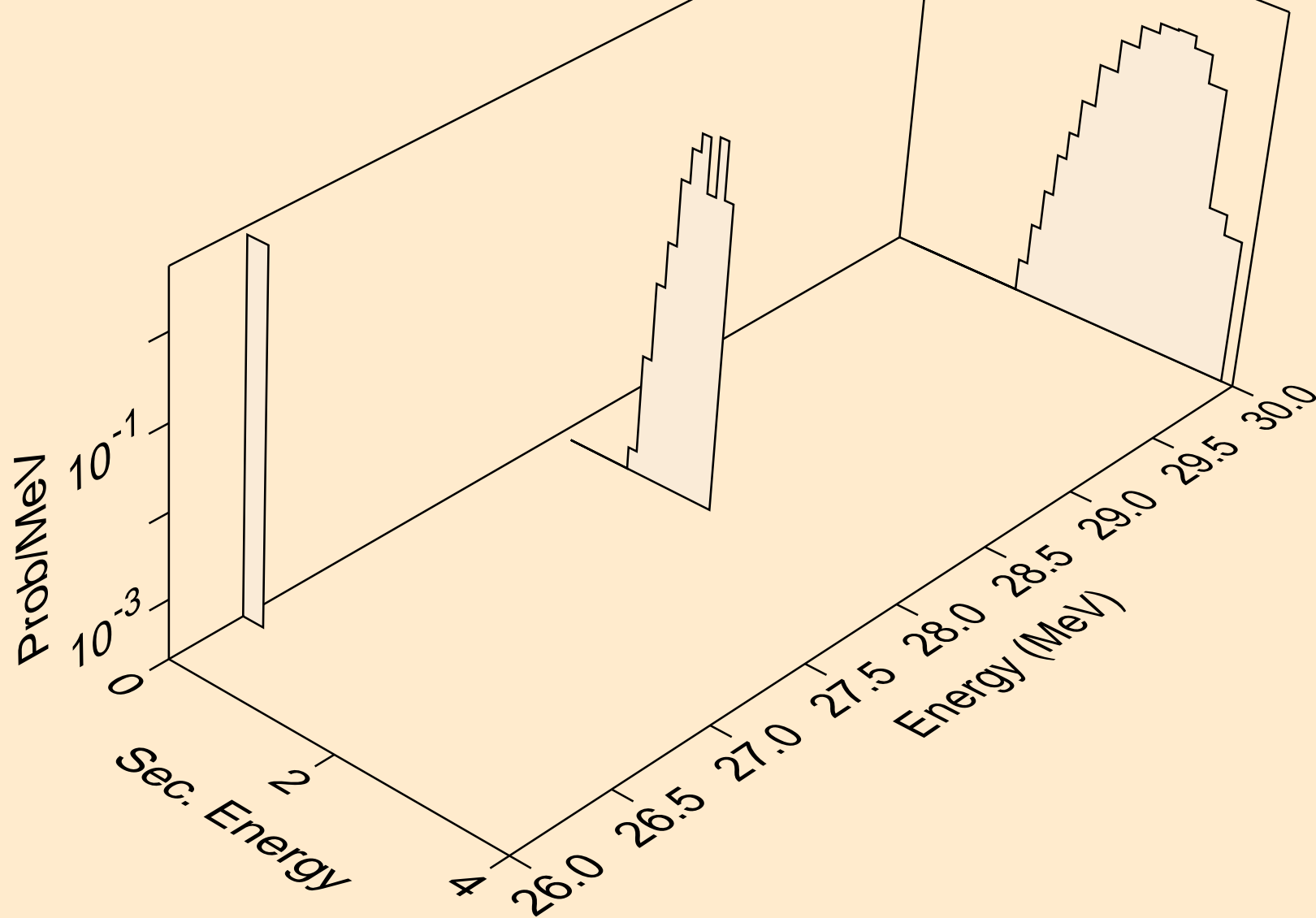
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



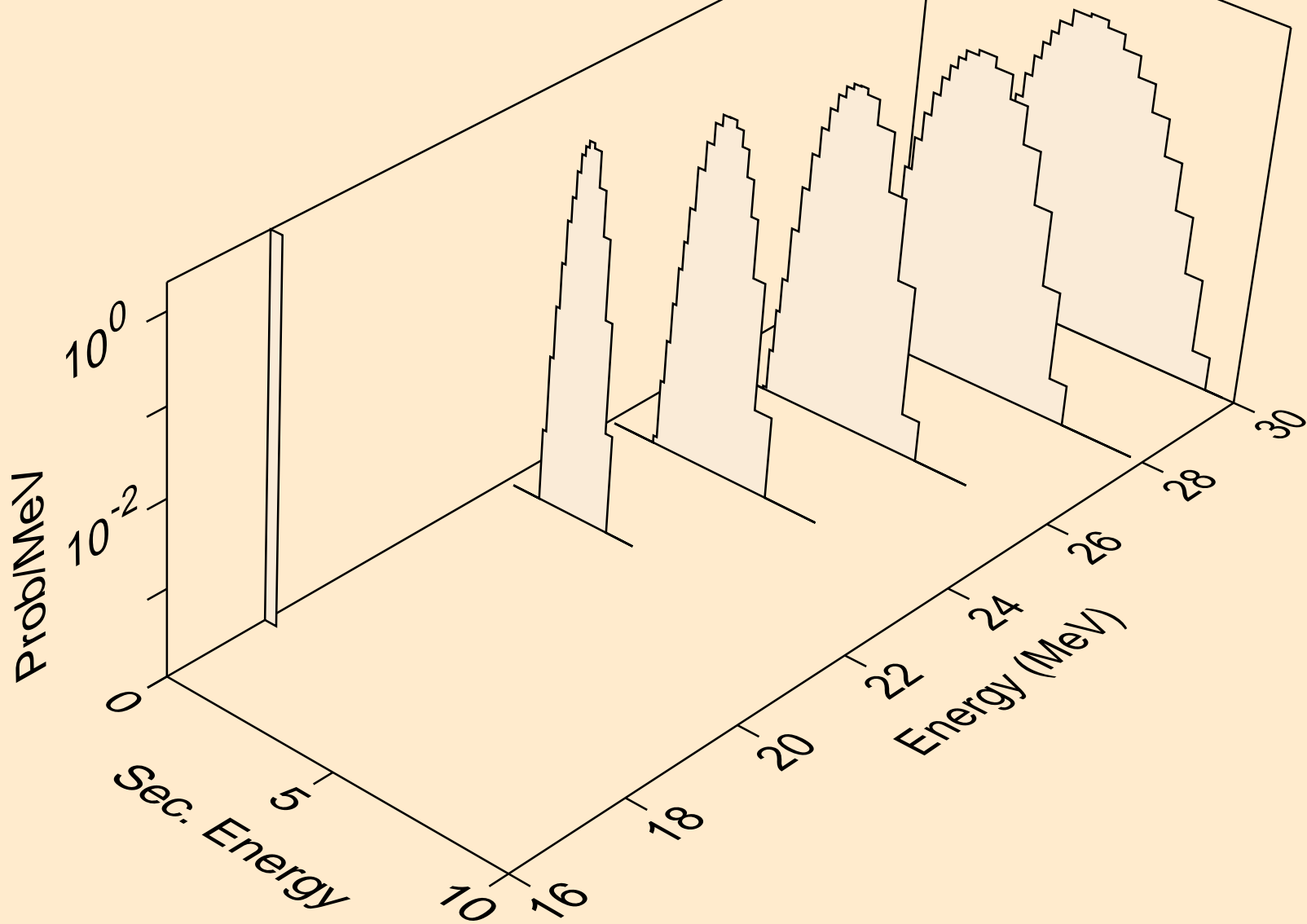
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



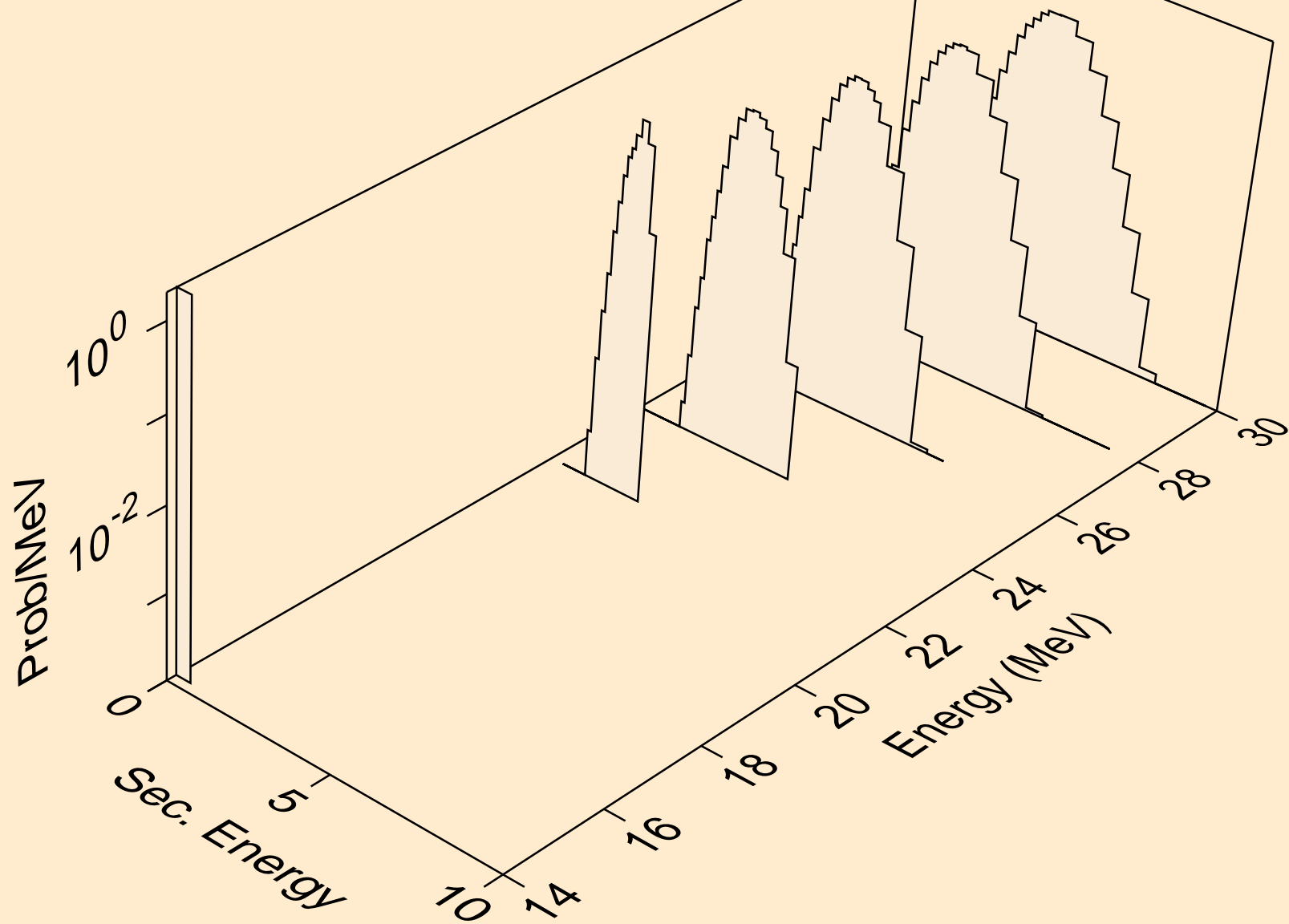
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



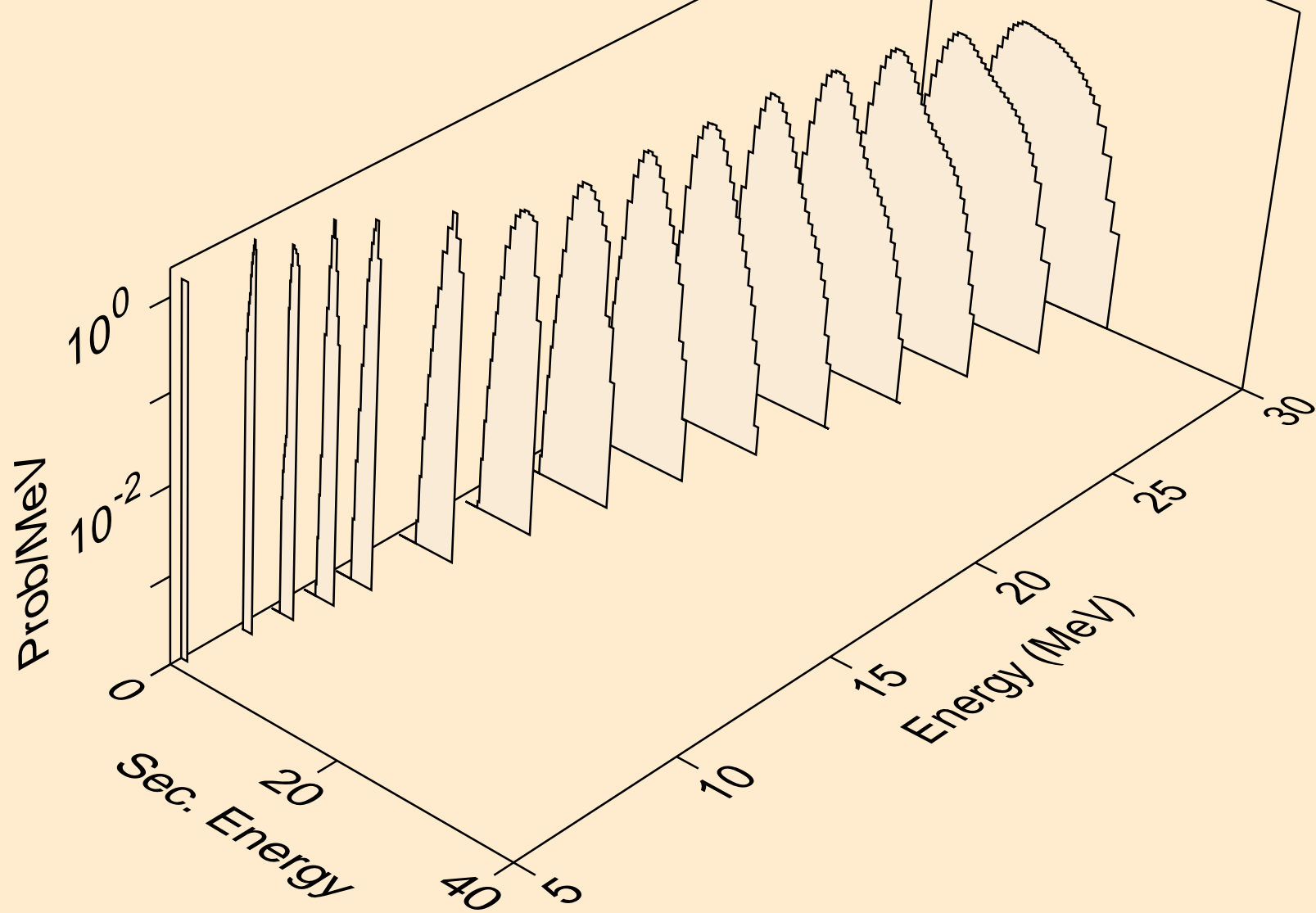
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



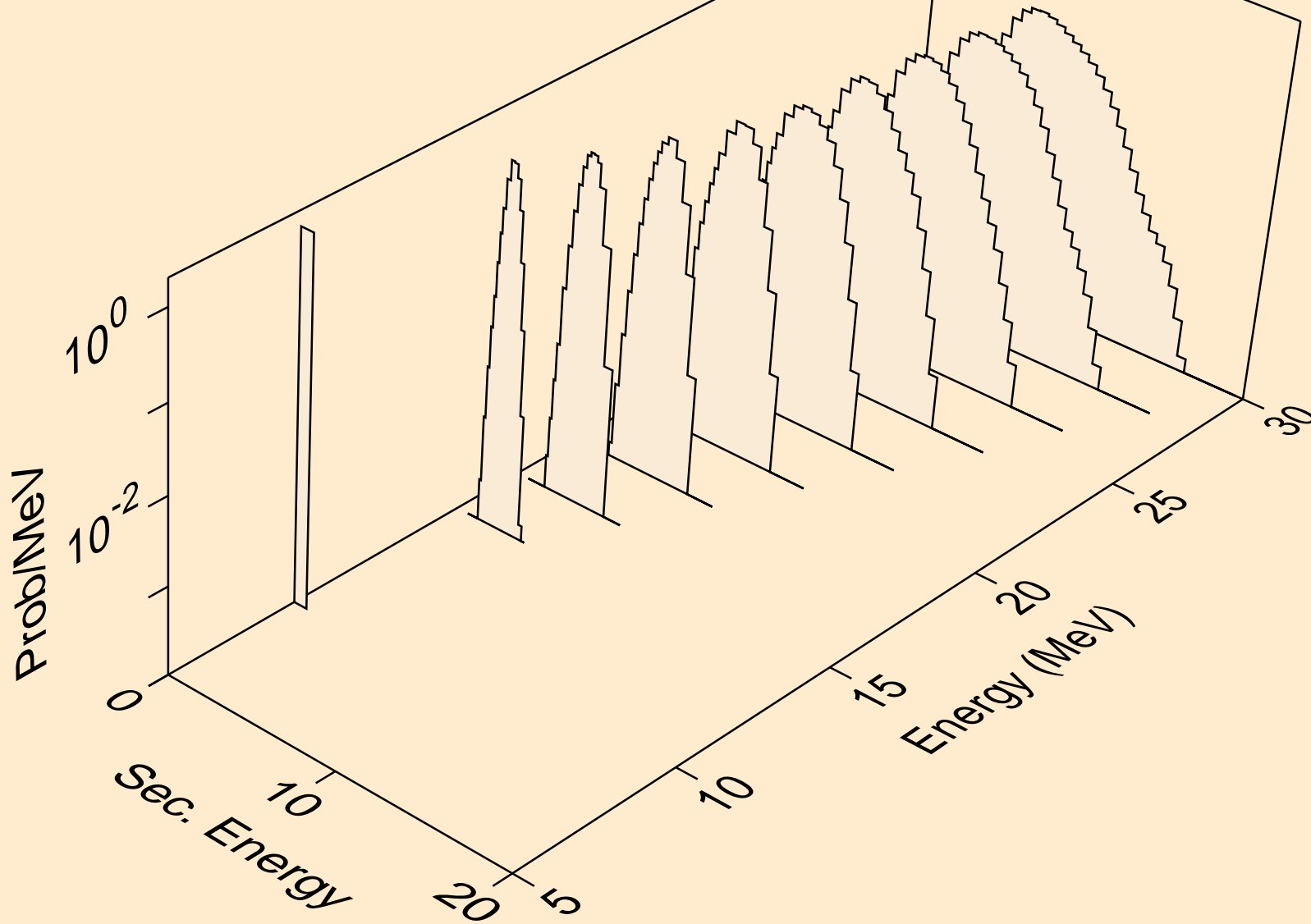
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protons from (a,npa)



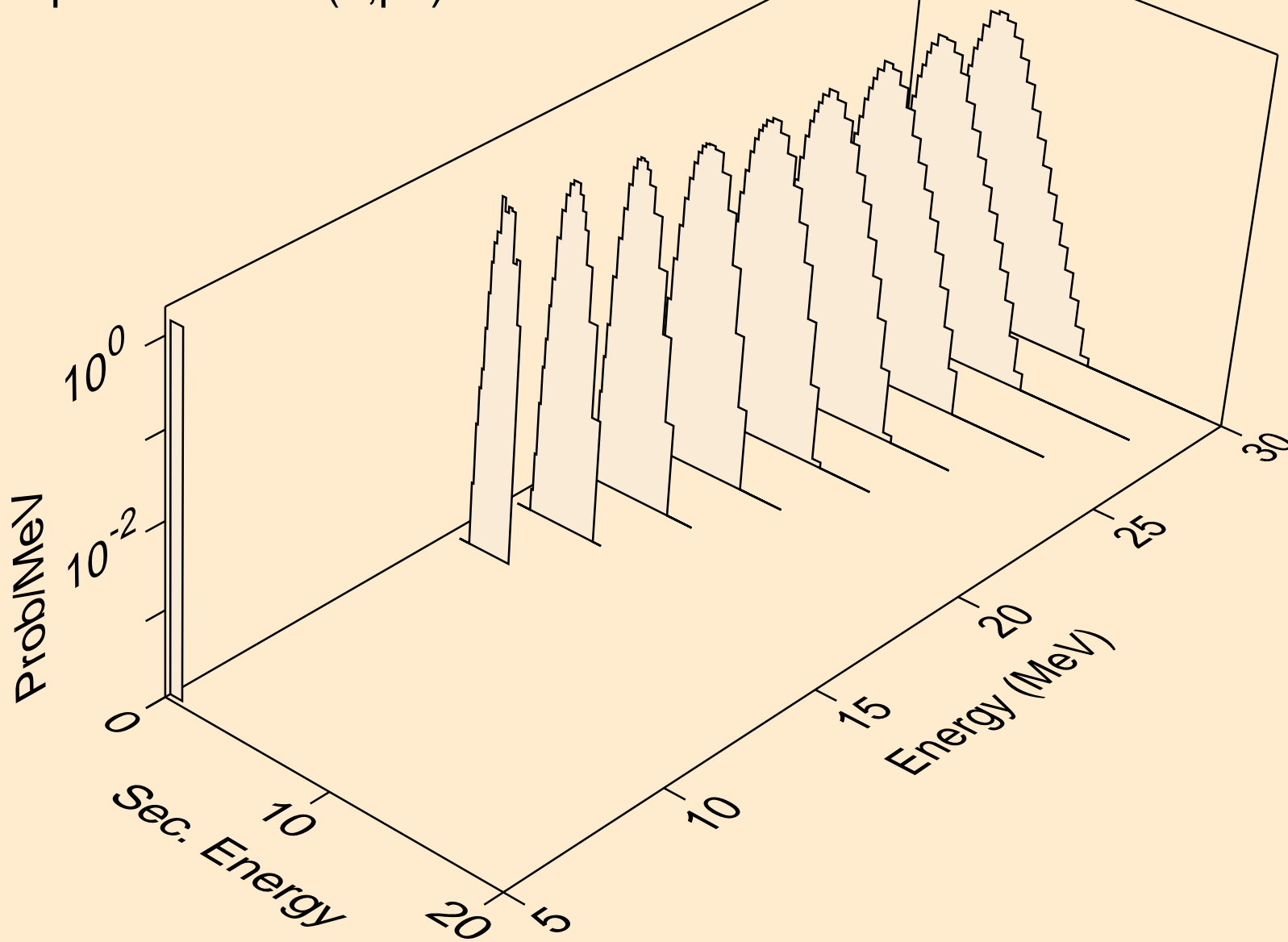
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)

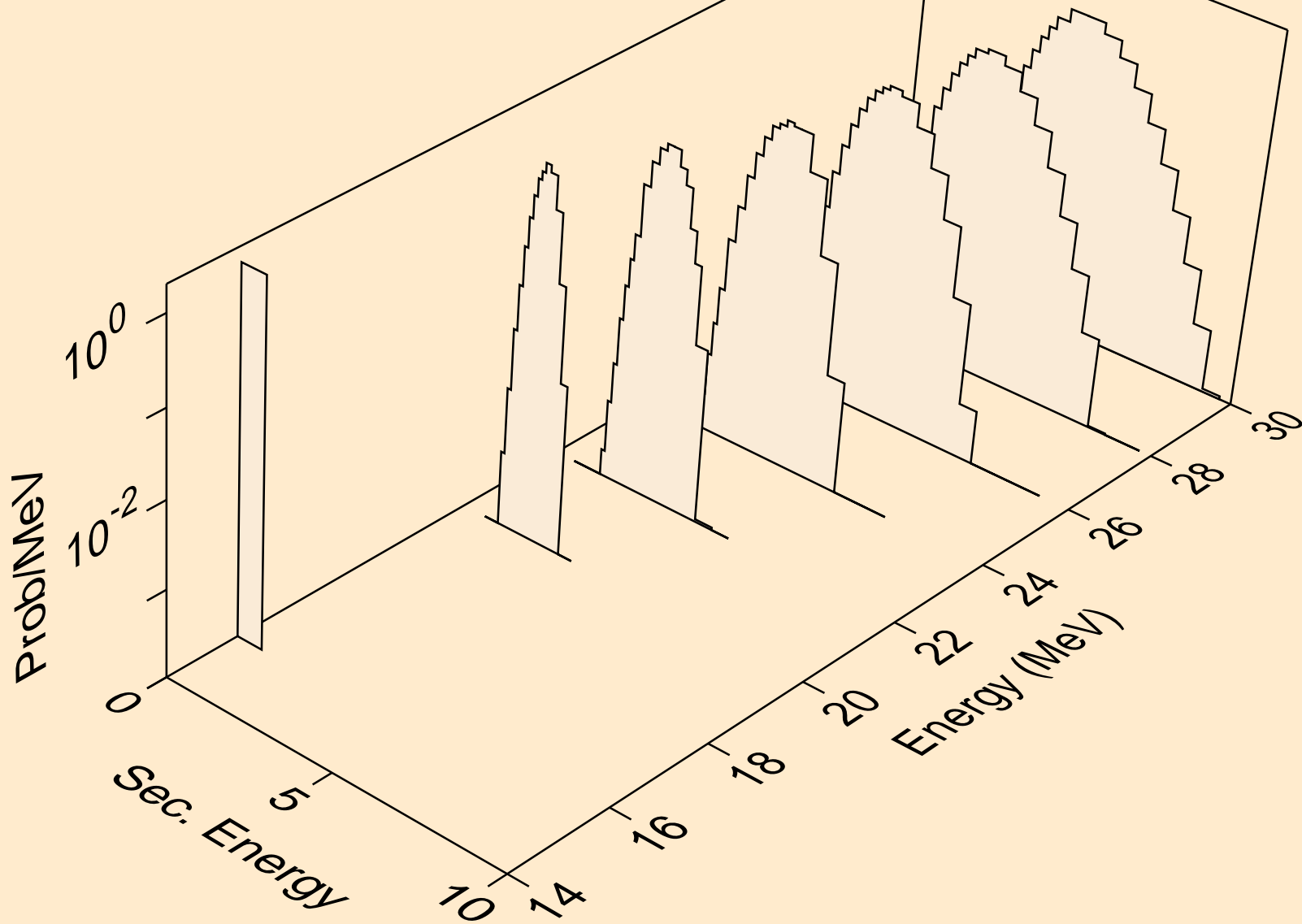


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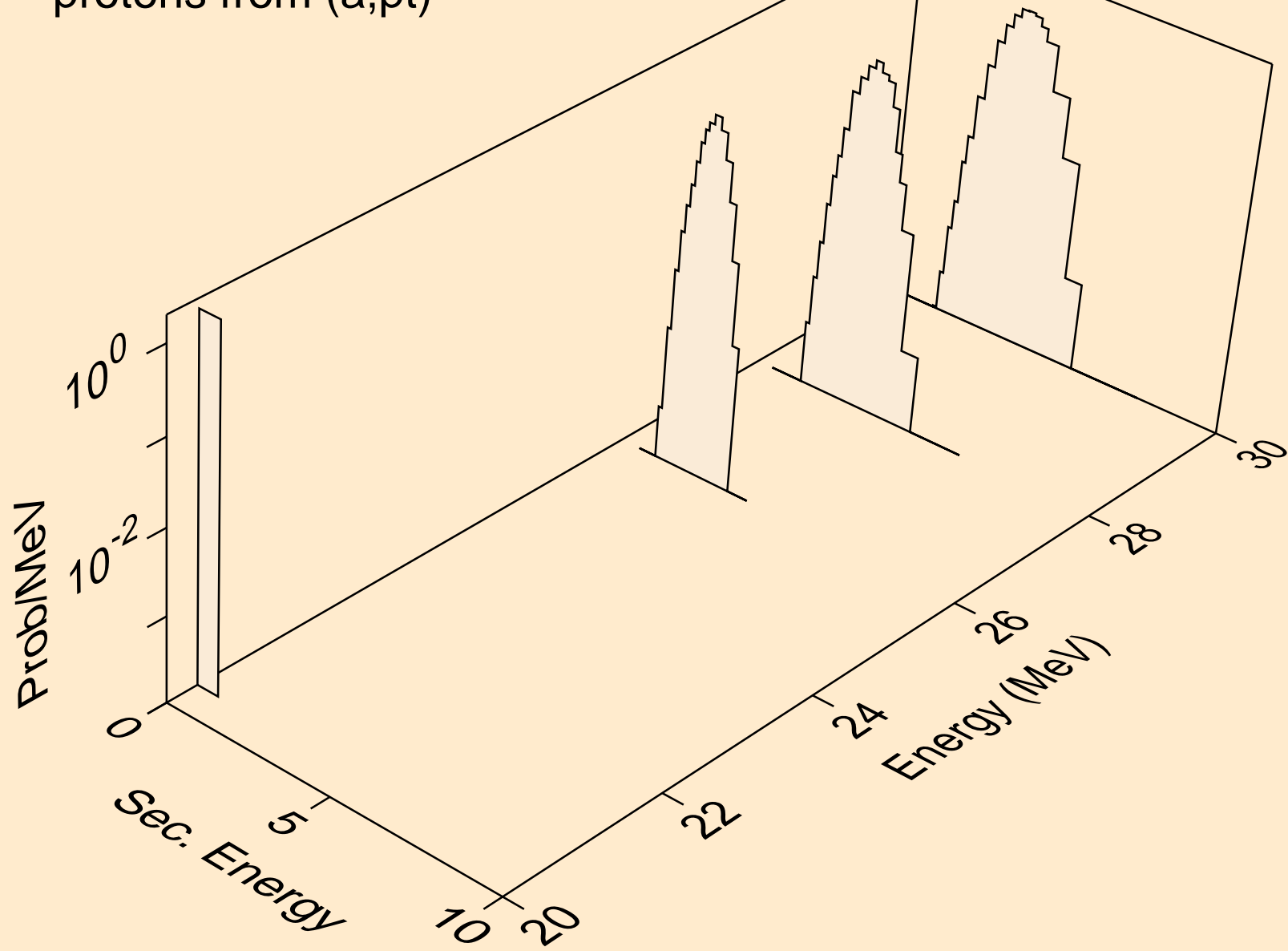




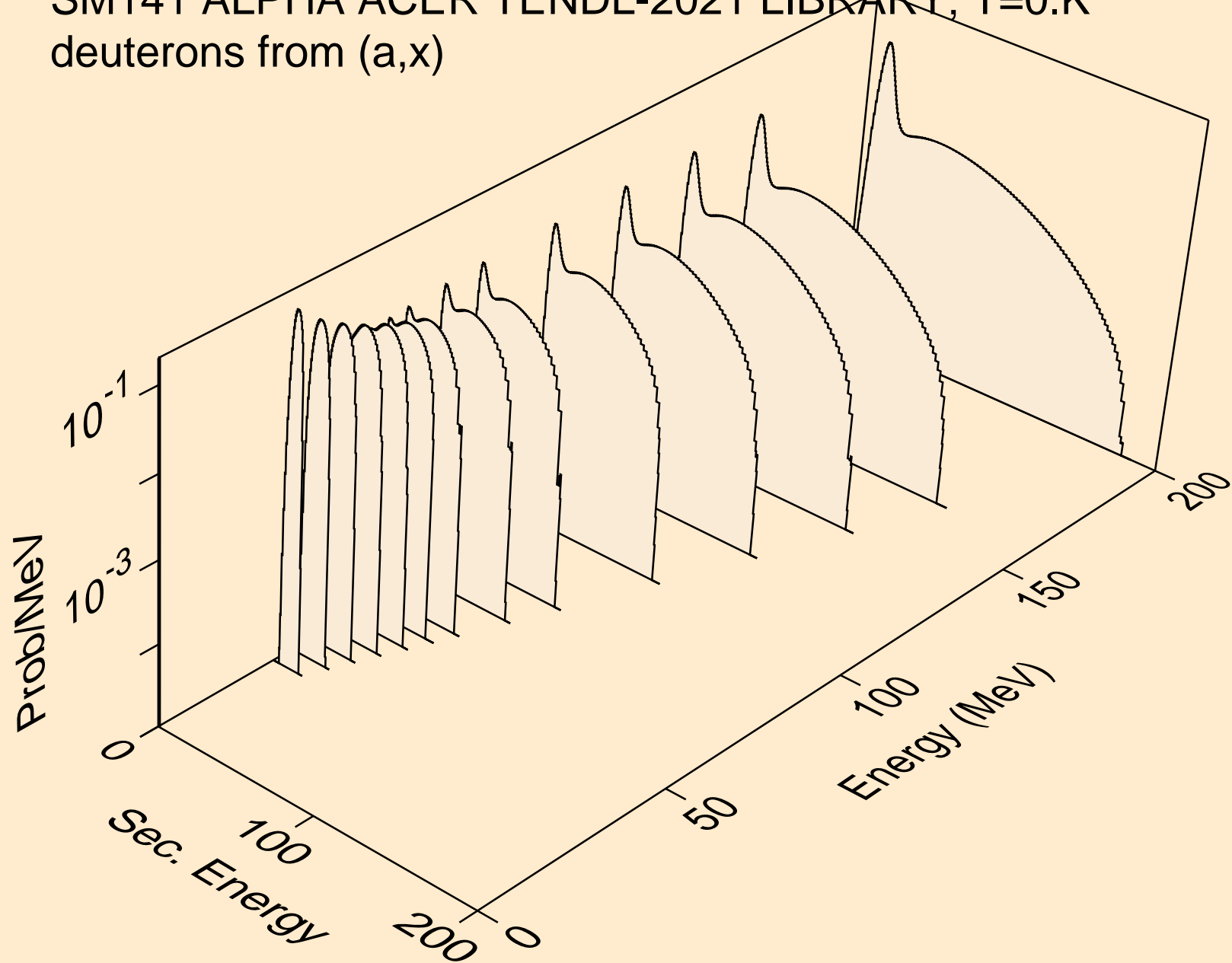
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



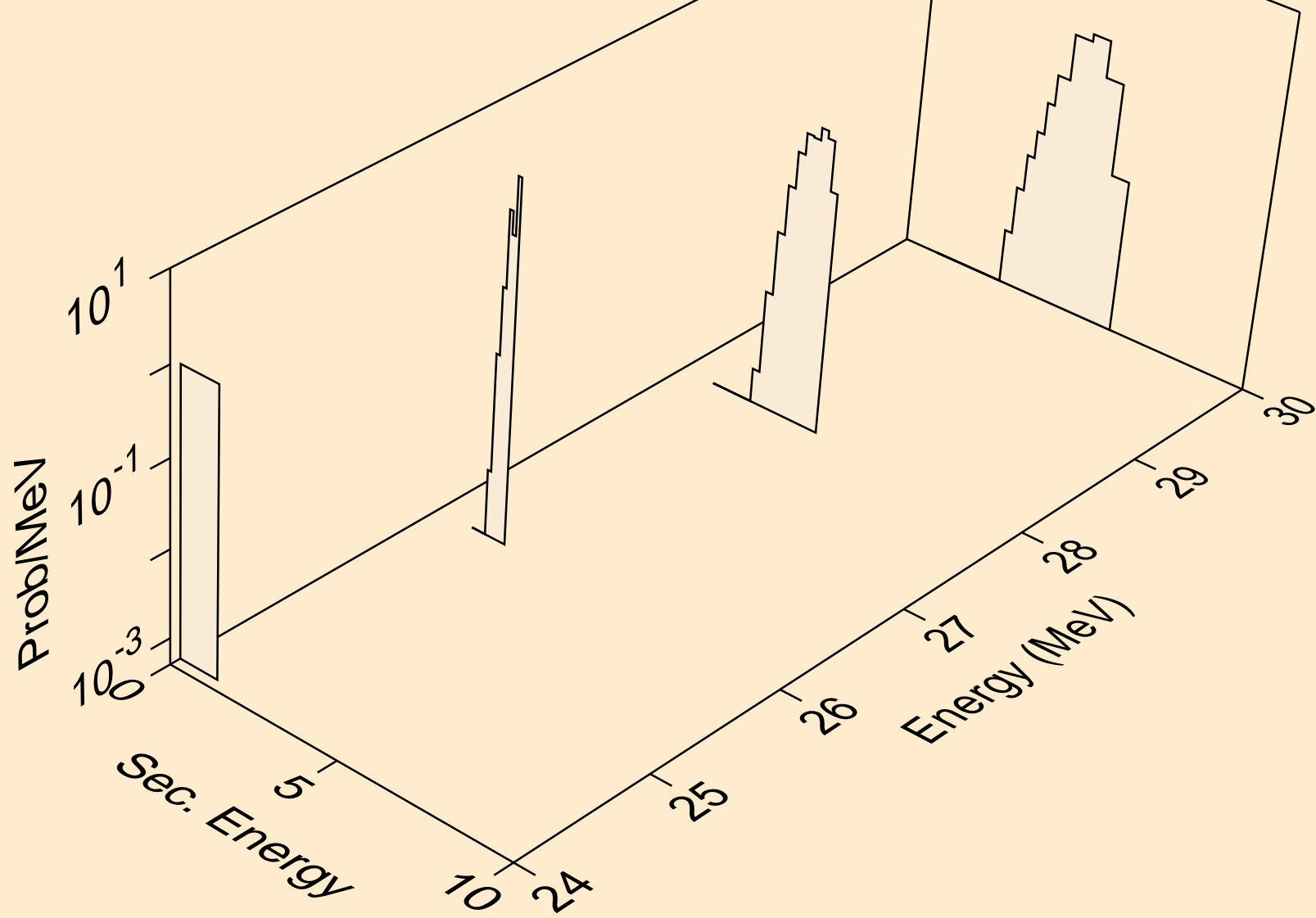
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pt)



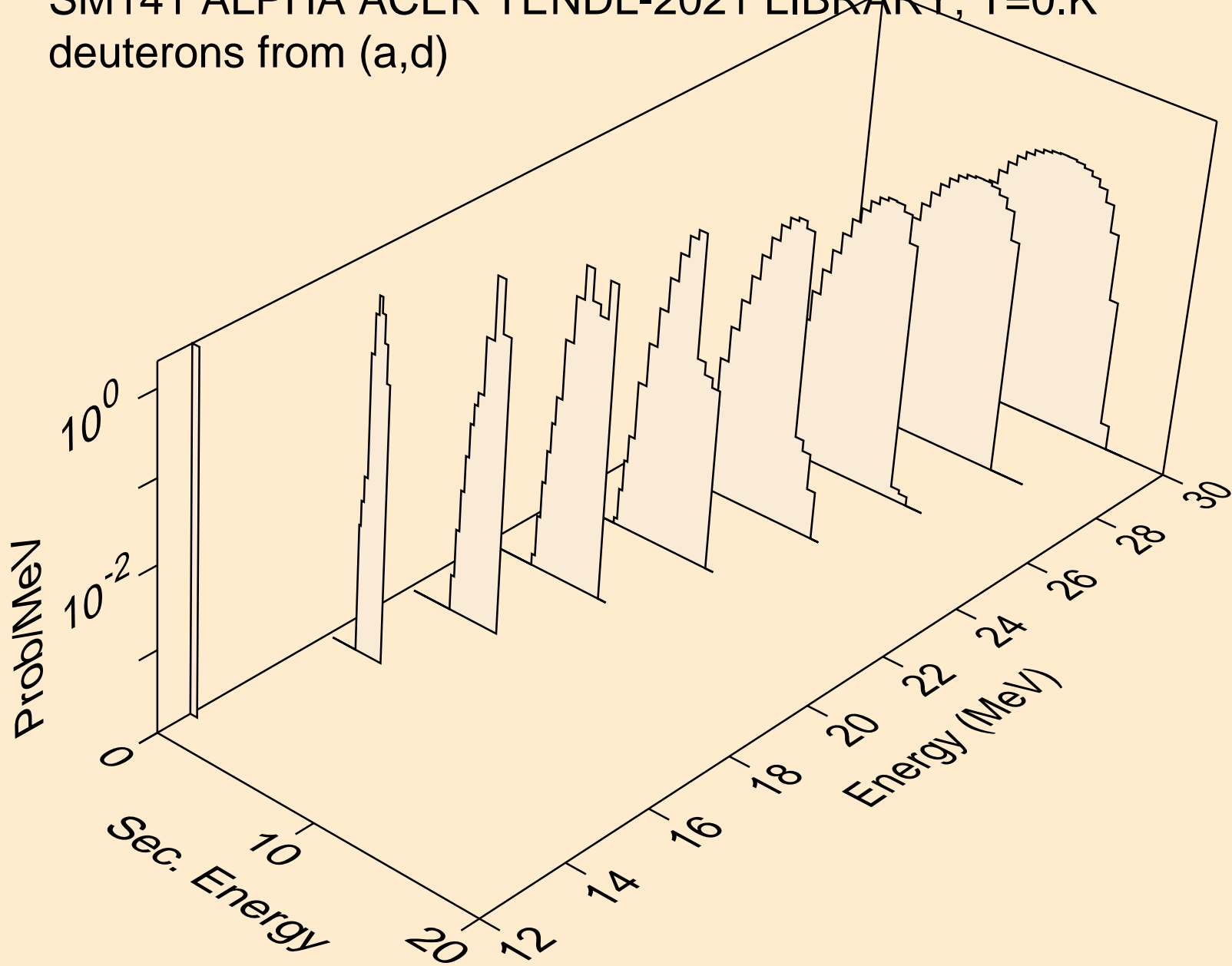
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



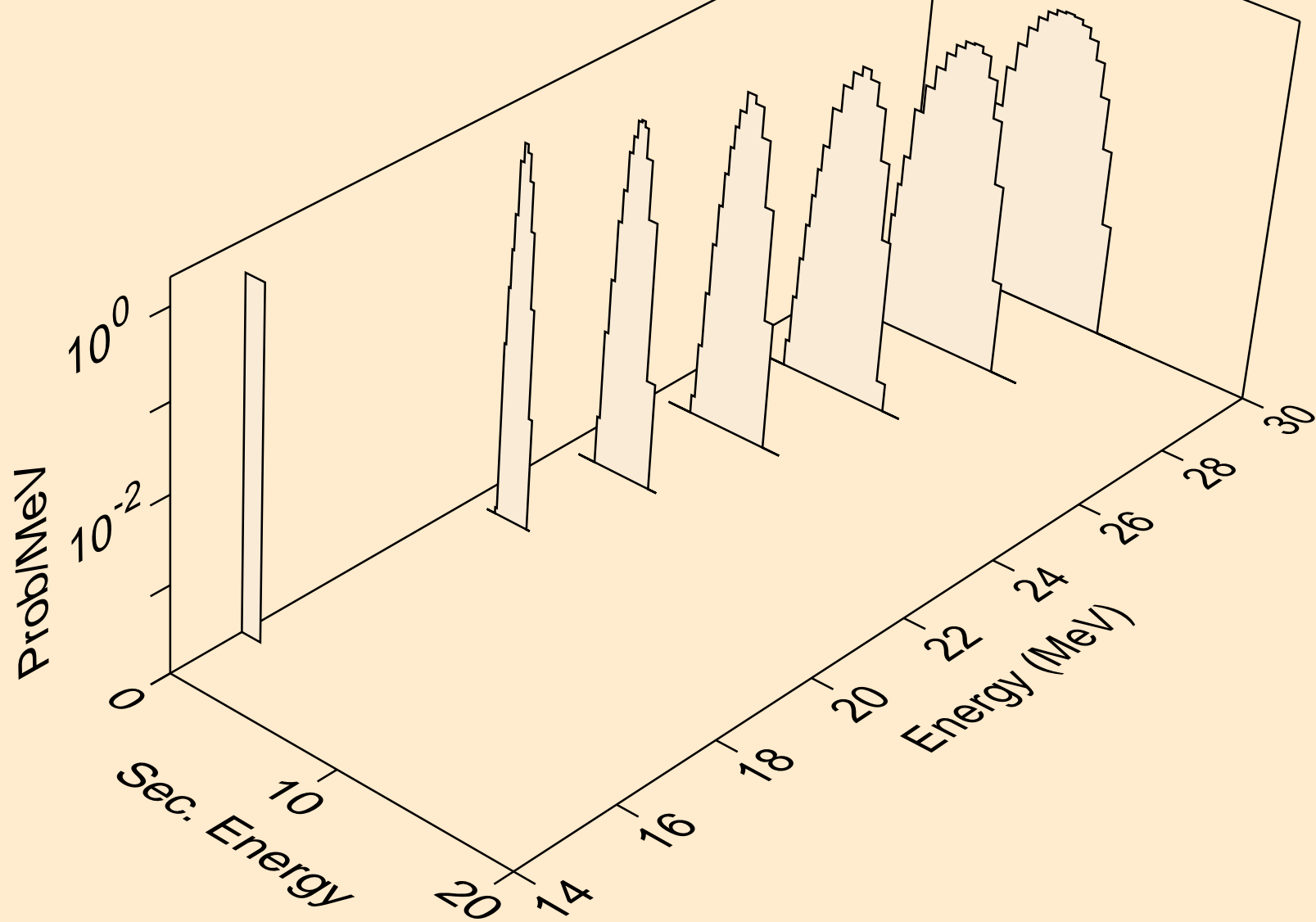
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



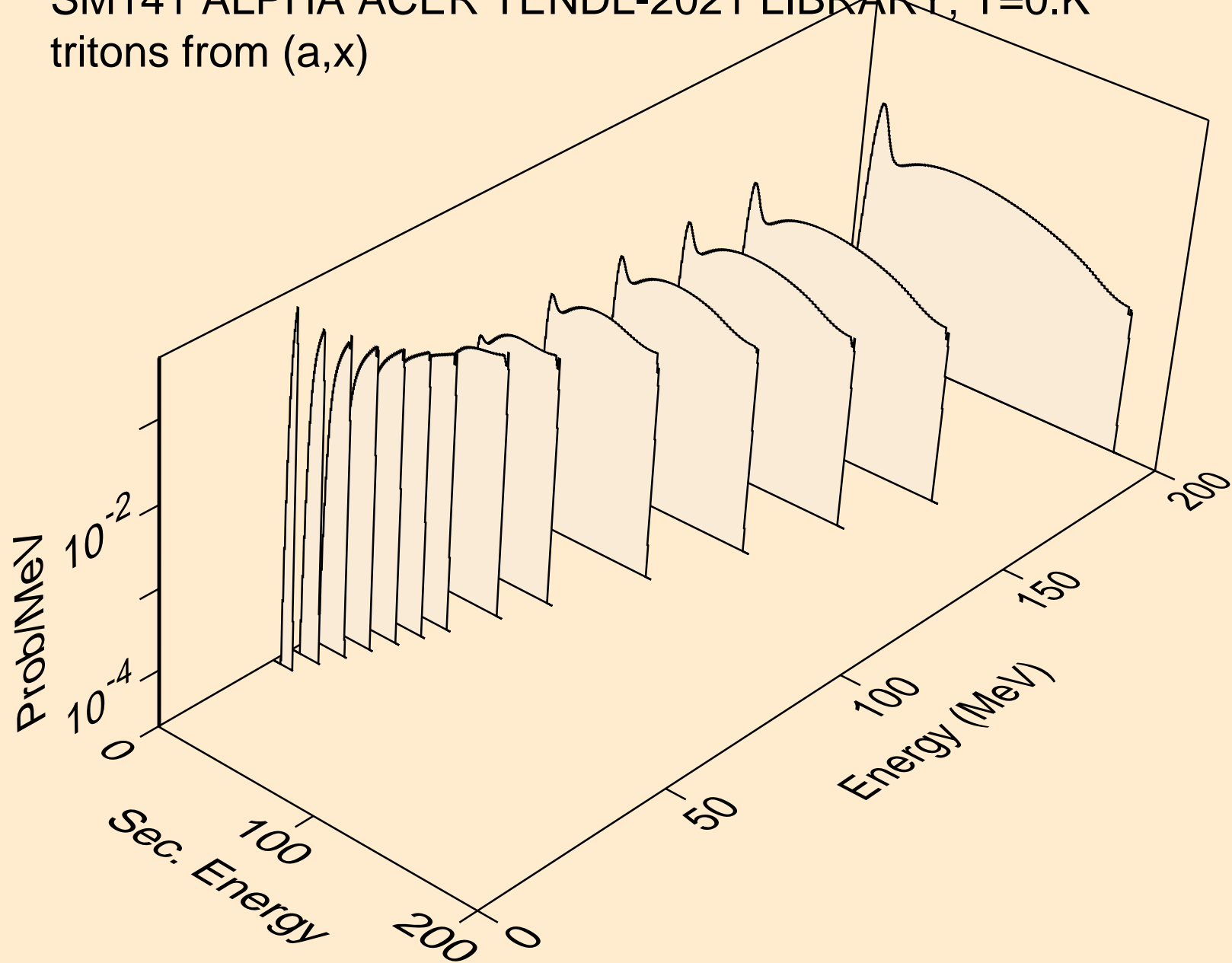
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



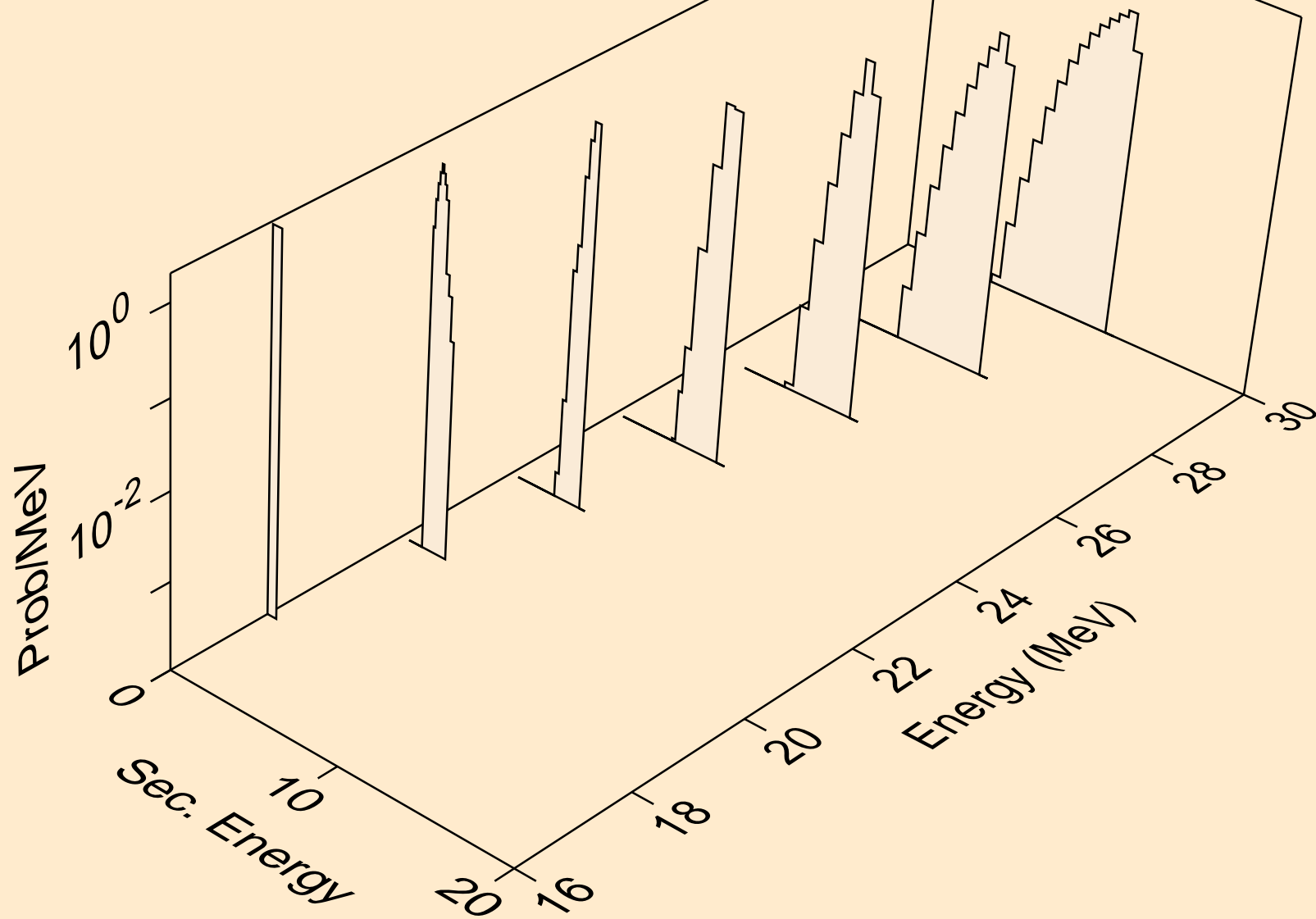
SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)



SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)

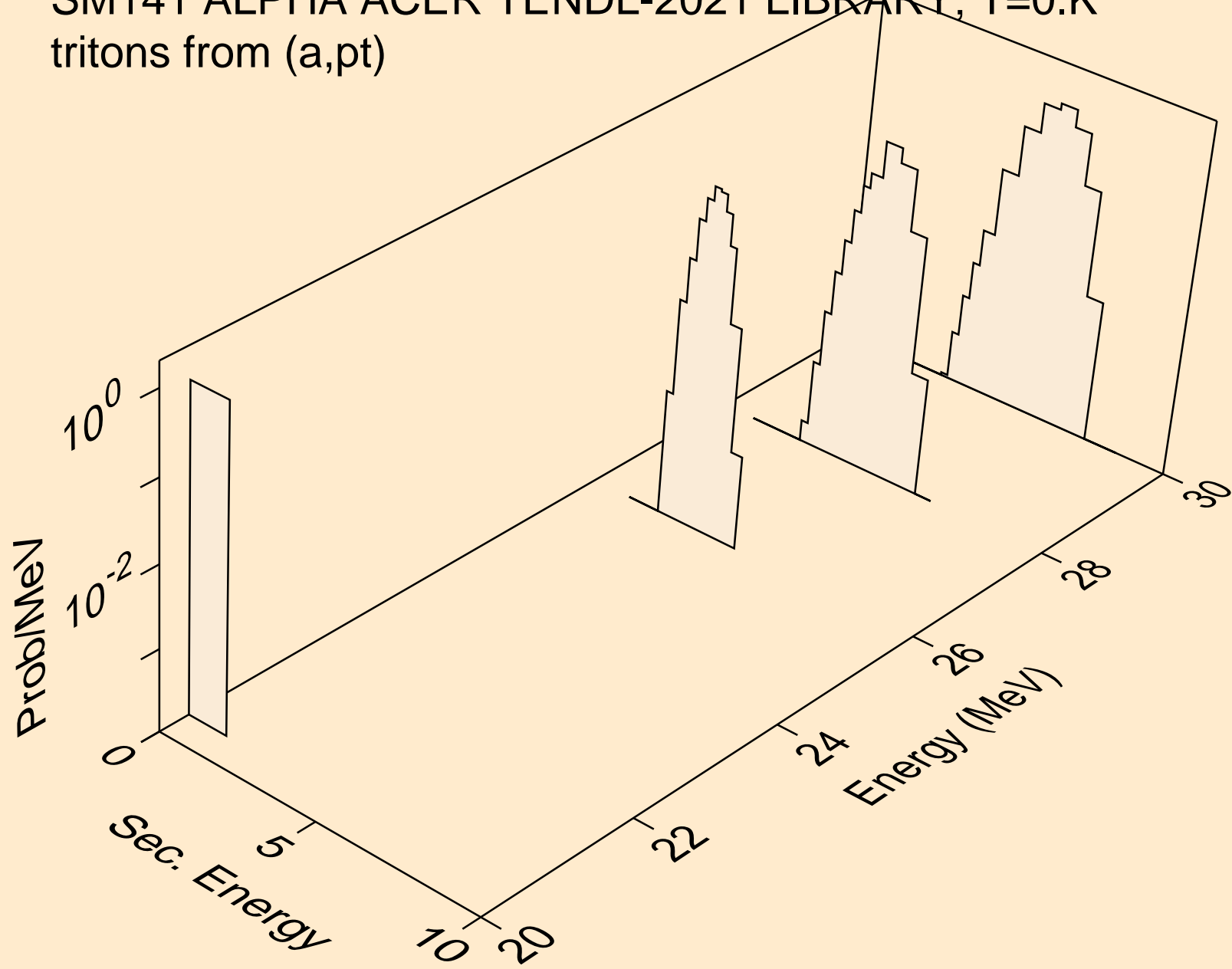


SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)

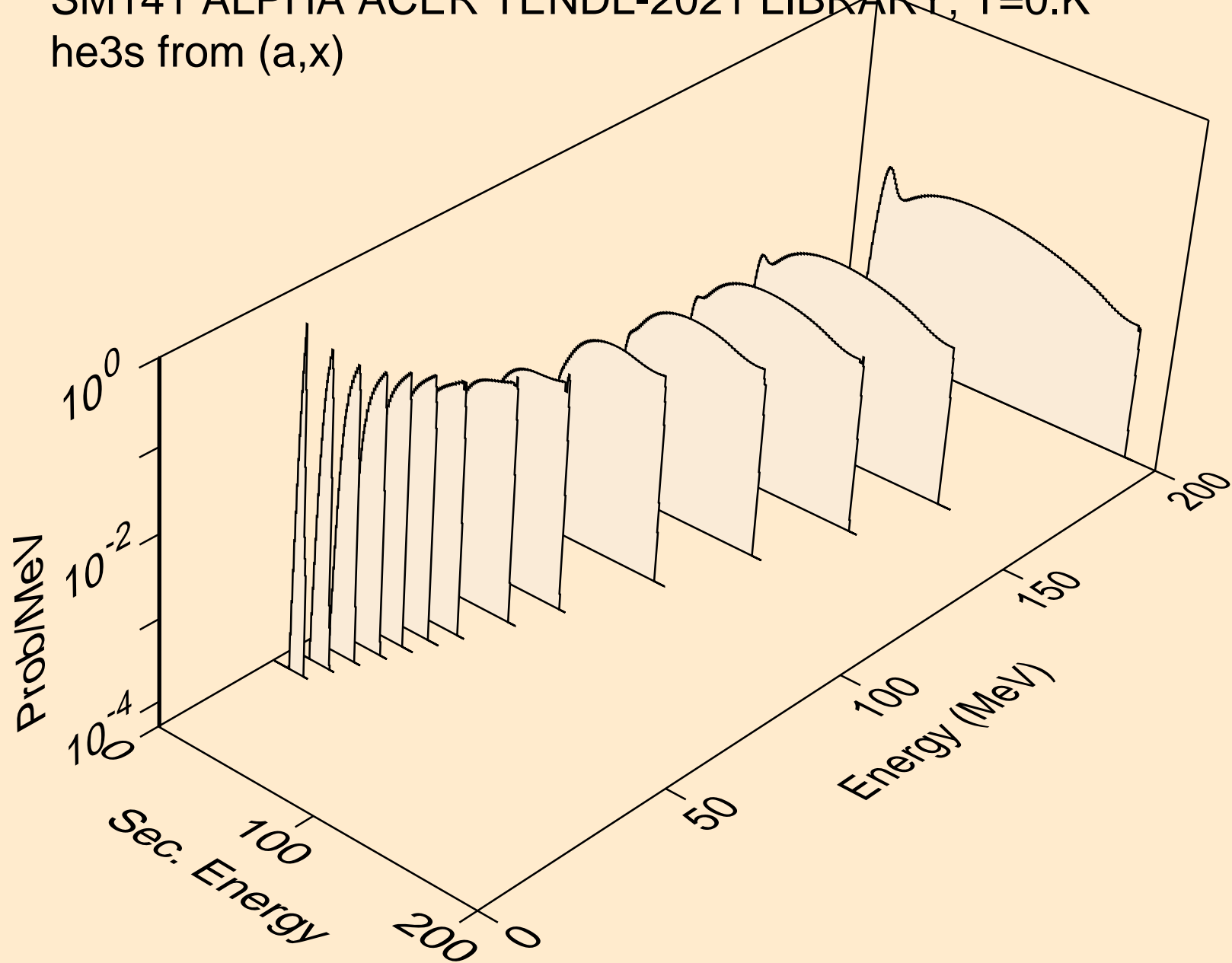




SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)



SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



SM141 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

